EXHIBIT N

Page 1 CAUSE NO. 2012-CI-18690 JENNIFER RAMIREZ F/K/A) IN THE DISTRICT COURT JENNIFER GALINDO,) Plaintiff,)) 438th JUDICIAL DISTRICT v. CESAR REYES, M.D., JOHNSON & JOHNSON, AND ETHICON, INC., Defendant.) BEXAR COUNTY, TEXAS ____) This is the Videotaped Deposition of VLADIMIR IAKOVLEV, M.D., taken at the Hilton Hotel, University Room, 145 Richmond Street West, Toronto, Ontario, on the 19th day of April, 2016. REPORTED BY: HELEN MARTINEAU CERTIFIED SHORTHAND REPORTER VIDEOGRAPHER: DAVID LANE

	Page 2		Page 4
1	APPEARANCES:	1	INDEX OF WITNESSES
2	FOR THE PLAINTIFF AND THE WITNESS:	2	WITNESS: PAGE
3	ANDERSON LAW OFFICE, LLC	3	VLADIMIR IAKOVLEV, MD, Affirmed
4	BENJAMIN H. ANDERSON, ESQ.	4	DIRECT EXAMINATION BY MR. ANDERSON9
5	1360 West 9th Street, Suite 215	5	CROSS-EXAMINATION BY MR. HUTCHINSON153
6	Cleveland, Ohio 44113	6	RE-DIRECT EXAMINATION BY MR. ANDERSON359
7	Tel. 216.589.0256	7	
8	Email: ben@andersonlawoffices.net	8	
9	Email: bene andersomawornees.net	9	
10	FOR THE PLAINTIFF AND THE WITNESS:	10	
11	FREESE AND GOSS	11	
12	RICH FREESE, ESQ.	12	
13	1901 6th Avenue North, Suite 3120	13	
14	Birmingham, AL 35203	14	
15	Tel. 205.871.4144	15	
16	Email: rich@freeseandgoss.com	16	
17	Ziliali. Hell'e Heesealiagoss.com	17	
18	FOR THE DEFENDANT:	18	
19	BUTLER SNOW, LLP	19	
20	CHAD R. HUTCHINSON, ESQ.	20	
21	1020 Highland Colony Parkway, Suite 1400	21	
22	Ridgeland, MS 39157	22	
23	Tel. 601.985.4401	23	
24	Email: Chad.hutchinson@butlersnow.com	24	
	Page 3		Page 5
1	APPEARANCES: (continued)	1	INDEX OF EXHIBITS
2	FOR THE DEFENDANT REYES:	2 3	NO./ DESCRIPTION PAGE PLAINTIFF'S EXHIBITS
3	SCOTT, CLAWATER & HOUSTON, L.L.P.	4	Curriculum vitae of Vladimir Iakovlev, 13 MD, prepared March 18, 2016.
4	CAROL Y. VERBEEK, ESQ. (via Skype call)	5	2 Brochure for the Bard Davol Inc. 23 European Hernia Symposium, Berlin,
5	2727 Allen Parkway, Suite 500	6	Germany, 2015. 3 Pathology report from UT Southwestern 41
6	Houston,TX 77019	7	Medical Center re. Jennifer Ramirez, printed 4/1/2015.
7	Tel. 713.650.6600	8	4(A) to 4(M)Series of photographs taken by 50
8	Email: cverbeek@schlawyers.com	9	Dr. Iakovlev during the examination of Jennifer Ramirez's specimen.
9		10	5 Diagram depicting the spinal cord. 70 6 Diagram prepared by Dr. Iakovlev 75
10	FOR THE DEFENDANT:	11	depicting the relationship of the excised pieces to the anatomical
11	THOMAS COMBS & SPANN, PLLC	12	structures in Ms. Jennifer Ramirez's body.
12	PHILIP J. COMBS, ESQ.	13	7(A) to 7(D)Series of high magnification 80 images depicting the specimen from Mr.
13	300 Summers Street, Suite 1380	14	Ramirez excised in March 2015. 8 Article titled "Comparison of the In 90
14	Charleston, WV 25301	15	Vivo Behavior of Polyvinylidene Fluoride and Polypropylene Sutures
15	Tel. 304.414.1805	16	Used in Vascular Surgery", found in OSAIO Journal 1998. Bates labelled
16	Email: pcombs@tcspllc.com		ETH.MESH.05845592 to ETH.MESH05845599.
17		17	9 Article titled "Structural alterations 91 of prosthetic meshes in humans" found
18		18	in Hernia Journal, 2003. 10 Article titled "Materials 92
19		19	Characterization of Explanted Polypropylene Hernia Meshes" found in
20		20	the Journal of Biomedical Materials Research Part B: Applied Biomaterials.
21		21	11 Article titled "Materials 94 characterization of explanted
22		22	polypropylene, polyethylene terephthalate, and expanded
23		23	polytetrafluoroethylene composites: Spectral and thermal analysis", found
24		24	in Journal of Biomedical Materials

2 (Pages 2 to 5)

	Page 6		Page 8
1	Research Part B: Applied Biomaterials.	1	Ramirez dated 10/5/2015.
2	12 Article titled "Physical 95	2 3	5 Diagram depicting the female anatomy 201
4	Characteristics of Medical Textile Prostheses Designed for Hernia Repair:	4	after a hysterectomy is done. 6 Diagram depicting the muscles in the 205
5	A Comprehensive Analysis of Select Commercial Devices", found in MDPI		female pelvic floor.
6	Materials, 2015. 13 Article titled "Degradation of 97	5	7 Article titled "Histopathology of 209 excised midurethral sling mesh", found
	polypropylene in the human eye: A	6	in the International Urogynecology
7	sem-study", found in Documenta Ophthalmologica, 1986.	7	Journal, 2015. 8 Document titled "TR-19/2007 Chemical 240
8	14 Article titled "Reinforcement 98 Materials in Soft Tissue Repair: Key		Resistance of Thermoplastics Piping
9	Parameters Controlling Tolerance and Performance - Current and Future	8	Materials" from the Plastics-Pipe Institute, dated September 2007.
10	Trends in Mesh Development", found in	9	9 Rule 26 expert report of Dr. Vladimir 310
11	the journal New Techniques in Genital Prolapse Surgery, 2011.	10	Iakovlev re. Jo Husky, et al., and Tonya Edwards, et al.
12	15 Article titled "Subcutaneous Implants 100 of Polypropylene Filaments", found in	11	10 Addendum to the Rule 26 expert report 313 of Dr. Vladimir Iakovlev re.
13	the Journal of Biomedical Material Research, 1976.		Lisa Marie Fontes, et al.
	16 Article titled "Degradation, infection 101	12	11 Rule 26 expert report of Vladimir 320 Iakovlev, re. Diane Bellew.
14	and heat effects on polypropylene mesh for pelvic implantation: what was	13	12 Rule 26 expert report of Dr. Vladimir 324
15	known and when it was known", found in the International Urogynecology	14	Iakovlev re. Amal Eghnayem. 13 Report by Dr. Iakovlev titled 336
16	Journal, 2011. 17 Article titled "Post-Implantation 102		"Clinico-pathological Correlation of
17	alterations of Polypropylene in the	15	Complications Experienced by Ms. Virginia White".
18	Human", found in The Journal of Urology, 2012.	16	14 Medical report from Mercy Hospital 338
19	18 Article titled "Materials 104 characterization and histological	17	Northwest Arkansas re. Virginia White. Bates labelled WHITEV_SMAMM_MDR00027.
20	analysis of explanted polypropylene, PTFE, and PET hernia meshes from an	18	15 Expert report of Dr. Iakovlev In Re. 351 Ethicon, Inc., Pelvic Repair System
	individual patient", found in the		Products Liability Litigation relating
21	Journal of Material Medicine, 2013. 19 Article titled "Pathology of Explanted 105	19 20	to all Wave 1 Cases.
22	Transvaginal Meshes", found in World Academy of Science, Engineering and	21	
23	Technology International Journal of Medical, Health, Pharmaceutical and	22 23	
24	Biomedical Engineering, 2014.	24	
	Page 7		Page 9
1	11 TO THE OF THE TOTAL THE		
	INDEX OF EXHIBITS	1	Upon commencing at 9:15 a.m.
2	INDEX OF EXHIBITS NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107	1 2	-
3	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic		THE VIDEOGRAPHER: My name is David Lane
3	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of	2 3	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies.
3	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from	2 3 4	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is
3	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev	2 3 4 5	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in
3 4 5	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124	2 3 4 5 6	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer
3 4 5 6 7	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh:	2 3 4 5 6 7	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent
3 4 5 6 7 8	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created 110 with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal	2 3 4 5 6 7 8	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent
3 4 5 6 7 8	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013.	2 3 4 5 6 7 8 9	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic
3 4 5 6 7 8	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation 130	2 3 4 5 6 7 8 9	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen
3 4 5 6 7 8	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to	2 3 4 5 6 7 8 9 10	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear
3 4 5 6 7 8 9	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135	2 3 4 5 6 7 8 9 10 11	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness.
3 4 5 6 7 8 9 10 11	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon Research Foundation dated May 2, 1984.	2 3 4 5 6 7 8 9 10	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear
3 4 5 6 7 8 9 10 11 12	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468.	2 3 4 5 6 7 8 9 10 11	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness.
3 4 5 6 7 8 9 10 11 12 13	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to	2 3 4 5 6 7 8 9 10 11 12 13	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.)
3 4 5 6 7 8 9 10 11 12 13 14 15	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification 143 images for comparison.	2 3 4 5 6 7 8 9 10 11 12 13 14	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D.,
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification DEFENSE EXHIBITS:	2 3 4 5 6 7 8 9 10 11 12 13 14 15	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D., called as a witness herein,
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation 130 document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification 143 images for comparison. DEFENSE EXHIBITS: 1 Expert report of Dr. Vladimir Iakovlev 167 re. Jennifer Ramirez, dated April 24,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D., called as a witness herein, having been first duly sworn,
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification 143 images for comparison. DEFENSE EXHIBITS: 1 Expert report of Dr. Vladimir Iakovlev 167 re. Jennifer Ramirez, dated April 24, 2015.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D., called as a witness herein, having been first duly sworn, was examined and testified as follows: DIRECT EXAMINATION BY MR. ANDERSON:
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification 143 images for comparison. DEFENSE EXHIBITS: 1 Expert report of Dr. Vladimir Iakovlev 167 re. Jennifer Ramirez, dated April 24, 2015. 2 Medical report from Baptist Health 172 System re. Jennifer Galindo dated	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D., called as a witness herein, having been first duly sworn, was examined and testified as follows: DIRECT EXAMINATION BY MR. ANDERSON: Q. Good morning.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification 143 images for comparison. DEFENSE EXHIBITS: 1 Expert report of Dr. Vladimir Iakovlev 167 re. Jennifer Ramirez, dated April 24, 2015. 2 Medical report from Baptist Health 172 System re. Jennifer Galindo dated 1/21/2015. Bates labelled	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D., called as a witness herein, having been first duly sworn, was examined and testified as follows: DIRECT EXAMINATION BY MR. ANDERSON: Q. Good morning. A. Good morning.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification 143 images for comparison. DEFENSE EXHIBITS: 1 Expert report of Dr. Vladimir Iakovlev 167 re. Jennifer Ramirez, dated April 24, 2015. 2 Medical report from Baptist Health 172 System re. Jennifer Galindo dated 1/21/2015. Bates labelled RAMIREZJ_BAHSY_MDR00564. 3 Patient record from UT Southwestern 184	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D., called as a witness herein, having been first duly sworn, was examined and testified as follows: DIRECT EXAMINATION BY MR. ANDERSON: Q. Good morning. A. Good morning. Q. What is your name?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification 143 images for comparison. DEFENSE EXHIBITS: 1 Expert report of Dr. Vladimir Iakovlev 167 re. Jennifer Ramirez, dated April 24, 2015. 2 Medical report from Baptist Health 172 System re. Jennifer Galindo dated 1/21/2015. Bates labelled RAMIREZJ_BAHSY_MDR00564. 3 Patient record from UT Southwestern Medical Center re. Jennifer Ramirez, printed on 4/6/2015. Bates labelled	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D., called as a witness herein, having been first duly sworn, was examined and testified as follows: DIRECT EXAMINATION BY MR. ANDERSON: Q. Good morning. A. Good morning. Q. What is your name? A. Vladimir Iakovlev.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	NO./ DESCRIPTION PAGE 20 Article titled, "Degradation of 107 polypropylene in vivo: A microscopic analysis of meshes explanted from patients", found in the Journal of Biomedical Materials Part B, 2015. 21 Printout of PowerPoint slides created with the assistance of Dr. Iakovlev for presentation to the jury. 22 Article titled "Pathologic Evaluation 124 of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center", found in the Journal of Female Pelvic Medicine & Reconstructive Surgery, 2013. 23 Internal Ethicon Research Foundation document dated March 23, 1983. Bates labelled ETH.MESH.15955438 to ETH.MESH.15955439. 24 Internal document from Ethicon 135 Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. 25 Two pages depicting high magnification 143 images for comparison. DEFENSE EXHIBITS: 1 Expert report of Dr. Vladimir Iakovlev 167 re. Jennifer Ramirez, dated April 24, 2015. 2 Medical report from Baptist Health 172 System re. Jennifer Galindo dated 1/21/2015. Bates labelled RAMIREZJ.BAHSY_MDR00564. 3 Patient record from UT Southwestern 184 Medical Center re. Jennifer Ramirez,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE VIDEOGRAPHER: My name is David Lane I'm the videographer for Golkow Technologies. Today's date is April 19th, 2016. Our time is 9:15 a.m. This deposition is taking place in Toronto, Ontario, in the matter of Jennifer Ramirez versus Ethicon Inc. et al. Our deponent today is Dr. Vladimir Iakovlev, MD. Our deponent counsel will be noted on the stenographic record. Our court reporter today is Helen Martineau. Would the court reporter please swear in the witness. (WHEREUPON, the witness was duly affirmed.) VLADIMIR IAKOVLEV, M.D., called as a witness herein, having been first duly sworn, was examined and testified as follows: DIRECT EXAMINATION BY MR. ANDERSON: Q. Good morning. A. Good morning. Q. What is your name?

3 (Pages 6 to 9)

Page 10 Page 12 1 Q. What is pathology? 1 number. But then at certain point they need our 2 2 A. Pathology is part of medicine is help. So they take samples like blood or the 3 laboratory medicine. Pathologists are doctors who 3 tissue samples and send it to the laboratory. And 4 4 work in the lab in the hospital. We receive then laboratory doctors like me examine these 5 samples from the patients the samples are taken by 5 specimens and we work down the pathological part 6 6 the treating doctors. Samples would be fluids of the differential diagnosis. We narrow down 7 7 like blood and urine, or tissue samples like that list to one disease which caused the 8 biopsies from tumors or larger organs resected 8 symptoms. 9 from the body. We analyze them, we cannot do all 9 Q. So is the differential diagnosis 10 10 that you perform as a pathologist the same or possible tests so we do only those tests which are 11 needed to manage the patient immediately. We 11 different as a differential diagnosis by patient's 12 12 report these results to the commissions or to treating doctor or clinician? 13 13 treating doctors and they treat the patients. A. It's the same and it's different. 14 14 Q. Do you have a particular focus Q. Okay. Please explain? 15 within pathology? 15 A. It's a part of the larger 16 A. I am an anatomical pathologist. 16 differential diagnosis because treating doctors 17 17 Q. And what is an anatomical can narrow it down to a certain point but they pathologist? 18 still need our help otherwise we wouldn't be 18 19 19 needed in the hospital, we wouldn't have a job. A. Anatomical pathology is part of 20 pathology where laboratory doctors examine tissue 20 But at certain point they have to take biopsies 21 samples not fluids like blood but tissue sample, 21 and send it to us and then we can do our 22 22 scrapings of cells like pap smears, or biopsy from pathological differential diagnosis or we can rule 23 tumors like a core biopsy from a breast lump, or 23 out diseases which can be ruled out only by using 24 larger resections like part of bowel or lump from 24 a microscope not by just examining the patient. Page 11 Page 13 1 1 Q. And is this the process that you've the breast, or sometimes we examine the entire 2 body. We do an autopsy. You probably have seen 2 described that you do every day in your daily 3 3 autopsies on TV. practice what you did in this case in arriving at 4 your expert conclusions in Ms. -- for Ms. Ramirez? 4 Q. You said the word "resection", what 5 5 A. That's correct. I use exactly the is a resection? 6 6 A. Resection is when a part of the same approach for examining Ms. Ramirez's specimen 7 7 as I do in my routine, day-to-day practice. organ is cut-out. Resected means cut out. It can 8 8 be an organ or it can be a part of device like a Q. Okay. Showing you what we have 9 9 marked for identification as Exhibit 1. 10 10 ---PLAINTIFF EXHIBIT NO. 1: Curriculum Q. Are you familiar with a term in 11 11 medicine known as "differential diagnosis"? vitae of Vladimir Iakovlev, MD, 12 A. Yes, I am. 12 prepared March 18, 2016. 13 13 Q. Is that something that you as an BY MR. ANDERSON: 14 anatomical pathologist use in your daily practice? 14 Q. First can you please identify this 15 A. Yes, I do. 15 for the record? 16 A. This is my curriculum vitae. 16 Q. Can you please explain for the jury what a differential diagnosis is? 17 17 Q. AND what is a curriculum vitae? 18 A. A differential diagnosis is a list 18 A. It's a document which describes all 19 of possible diseases which can cause similar 19 my career, my education, my licenses, my 20 20 symptoms. When the patient comes in they report publications, my teaching. 21 21 specific symptoms so the treating doctor has a Q. And you have it there in front of 22 22 list of possible diseases which can cause the you if you need to refer to it at any time. I 23 23 just want to go through with the jury a bit of symptoms. They take the history, they examine the your background education and employment history, 24 patient then they narrow down that list to smaller

4 (Pages 10 to 13)

Page 14 Page 16 1 okay? 1 them in the microscope and then we describe it. 2 2 A. Okay. We go through morphological differential or 3 3 Q. Where do you currently work? pathological differential diagnosis and we make a 4 4 A. I work at St. Michael's Hospital, diagnosis and report it to the treating doctors. 5 5 Q. Are you familiar with the term Toronto, Canada. 6 6 Q. What is your current position? clinico-pathological correlation? 7 7 A. I'm a pathologist and I'm also a A. Yes, I am. 8 director of cytopathology at St. Michael's 8 Q. Can you explain what that means to 9 Hospital. 9 you as a pathologist this word 10 10 Q. Okay, that's a new word. What is clinico-pathological correlation? 11 cytopathology? 11 A. This is like putting different 12 12 A. Cytopathology is part of anatomical pieces of information together, like species in 13 pathology but I'm focusing more on smaller 13 jigsaw puzzle. As I explain or as I described 14 samples. When the samples are sucked out through 14 when the patient comes in treating doctors examine 15 a fine needle or they are scraped. 15 the patient, take history, so they collect some 16 Q. And how long have you been at St. 16 pieces of information. 17 17 Michael's? Then when I receive it I also see what 18 18 A. About nine years. radiologist were reporting or describing by using 19 19 Q. Explain to the jury what you do, X-rays or CT scans and then I examine the 20 Doctor, on a day-to-day basis at St. Michael as an 20 specimen. So I have my pieces of information. 21 anatomic pathologist? 21 When I put everything together then we can arrive 22 22 A. As an anatomic pathologist, or as to the correct diagnosis. And this is called 23 any pathologist we receive specimens. These 23 "clinico-pathological correlation", when we 24 specimens are taken out by treating doctors or by 24 correlate all of the pieces of information from Page 15 Page 17 1 1 radiologist. So they take a biopsy or they resect clinical treating physicians, treating doctors to 2 an organ and they send it to the lab. In the lab 2 pathology information. 3 3 we receive the specimen; we make sure that it Q. So please briefly describe for the 4 belongs to correct patient; we make sure that 4 jury your education and training that prepared you 5 5 everything is labelled correctly; and then we to work as a pathologist. 6 6 examine this specimen or part of the body which A. A pathologist needs to go first 7 7 was resected, or biopsy. We describe it grossly through medical school. My medical school 8 8 how it looks, how it feels by fingers. We cut training was in Russia. At that time system in 9 9 through it, look inside, how it looks inside and Russia was similar to United Kingdom. If people 10 10 then we decide how to take sections for do well, they have good grades in high school they 11 11 can be accepted in medical school straight out of microscopic examination. 12 Q. When you say "sections" what do you 12 high school. I had good grades; I volunteer in 13 13 the ward; I attended some scientific society when mean? 14 A. Sections when we slice it like a 14 I was in high school; and I was accepted straight 15 15 bread through or we call it cross-sectioning, it's from high school. 16 16 like slicing bread. And then when we slice it we Q. And you say you volunteered at the 17 can look inside and see what's inside. And then 17 ward. Is that volunteering at the ward of a 18 we can take these slices and put them in the 18 hospital? 19 19 microscope, shine light through and see what is in A. Yes. 20 20 the tissue. Q. Go ahead, I'm sorry. 21 21 So after we slice it with scalpel then A. But you -- some people do first 22 we submit it to make histological slides. And 22 degree, bachelor degree and then they apply to 23 23 medical school like here in North America so there then the lab makes histological slides, slides 24 like this, and then we use a microscope to examine 24 are two ways, but if you have good grades and show

5 (Pages 14 to 17)

Page 18 Page 20 1 your dedication you can be accepted straight from 1 the American Board of Pathology and Royal College 2 2 of Physicians of Canada. This stimulates you to high school. 3 3 When I completed high school it was a study and update your knowledge yearly. 4 4 Q. Are you currently a member of any time of great struggle in Russia, it was '90s. 5 The government didn't have enough money and they 5 professional societies in your field? 6 6 couldn't invest into medical care. My wife and I A. Yes. I am Fellow of the Royal 7 7 decided to move at that time and we came to College of Physicians of Canada and College of 8 Canada. We took Canadian and American licensing 8 American Pathologists. 9 exams and then we continued our training as 9 Q. Do you currently have any teaching 10 10 anatomical pathologists here. responsibilities? 11 After I completed the residency then I 11 A. Yes. I teach medical students. I 12 12 applied for research fellowship at Ontario Cancer teach residents, pathology residents and residents 13 Institute. That is here in Toronto. This is the 13 from other specialties. I teach 14 cytotechnologists, physiotherapists and largest cancer institute in Canada. And when I 14 15 completed it I had an offer from St. Michael's 15 pathologists. 16 Hospital and I was also appointed at the 16 Q. What do you teaching duties entail? 17 17 University of Toronto. A. For residents and fellow I teach 18 18 Q. Where do you hold medical licenses? them practice of pathology how we do it 19 A. I hold medical license in the 19 day-by-day; for cytotechnologists it's a more of a 20 20 Province of Ontario, Canada, and the State of formal sessions; for pathologists I do courses at 21 21 Michigan, United States. conferences and teach them the field of 22 22 Q. Are you Board certified in any cytopathology because I'm more focused on 23 23 fields? cytopathology. 24 24 A. I'm Board certified in anatomical Q. Are those principles of differential Page 19 Page 21 diagnosis and clinico-pathological correlation 1 pathology by the Royal College of Physicians and 1 2 Surgeons of Canada, and by the Canadian --2 that you just described for the jury a few minutes 3 3 American Board of Pathology. ago, are those things that you teach to your 4 4 Q. Real briefly how does one obtain students as well as your fellows and your 5 5 Board certification? residents? 6 A. Board certification is obtained by 6 A. Yes, because these are basic 7 7 submitting all your education, training, and principles. That's how we arrive to the correct 8 8 experience. If it is found to be acceptable they diagnosis. 9 9 will allow you to sit the exam. You sit the exam Q. And did you apply those principles 10 10 and if you are successful you obtain Board in forming your expert conclusions that you'll be 11 certification. 11 presenting to the Court and the jury today? 12 Q. And do you have to retake the Board 12 A. Yes, I did. 13 certification exam? 13 Q. Have you written articles that have 14 A. Yes. This was a new approach lately 14 been publish in the scientific literature? 15 15 A. Yes. I published over 20 full-size because the field of pathology is changing so fast 16 16 articles and over 30 abstracts, I also presented those pathologists who are not updating their 17 knowledge couldn't deliver the same standard of 17 at multiple international meetings. 18 care. So now the rule is to retake the certifying 18 Q. Do any of those articles or 19 19 exam every ten years. And I retook it last year, abstracts relate to your examination of explanted 20 20 surgical meshes made out of polypropylene like the it was a ten-year mark for me. 21 21 Q. As a current practicing pathologist TVT-O sling device that is the subject of this 22 22 are you required to complete continuing medical trial? 23 education courses in your field? 23 A. Yes. 24 24 A. Yes, this is another initiative by Q. How many?

	Page 22		Page 24
1	A. I published five papers, five	1	A. Yes, this is the program of the
2	articles on this subject and over ten abstracts on	2	meeting.
3	this subject of implantable meshes. Also I	3	Q. And can you please pull that up? If
4	presented I was invited to present at multiple	4	you could blow up the top.
5	international scientific meetings.	5	You mentioned the company Bard, is the
6	Q. Has your research included	6	company that invited you to speak at this
7	publications in the peer-reviewed literature on	7	international conference?
8	the topics of, and I'll make a list, the pathology	8	A. Yes, it is.
9	of surgical meshes like TVT-O?	9	Q. Were there mesh scientists from
10	A. That's correct.	10	around the world at this conference?
11	Q. Microscopic analysis of the changes	11	A. Yes, there were.
12	in the tissue when the mesh is implanted in the	12	Q. Including scientists and consultants
13	body?	13	from Bard?
14	A. That's correct.	14	A. Yes.
15	Q. Correlation of your microscopic	15	Q. Including scientists and consultants
16	pathological findings to the mesh patients'	16	from Ethicon?
17	medical problems that led to surgical removal of	17	A. Yes.
18	the mesh?	18	Q. Did you interact with many of these
19	A. That's correct.	19	scientists and consultants at the conference?
20	Q. Microscopic analysis of the	20	A. Yes, I did.
21	degradation of polypropylene mesh in the human	21	Q. Have you spoken at other
22	body including degradation of the TVT-O device?	22	international conferences about your research and
23	A. Yes, I did.	23	the topics you'll be presenting to the jury here
24	Q. Have you ever been invited by a	24	today?
	Page 23		Page 25
1	medical device company to speak at one of their	1	A. Yes, I did.
2	conferences about polypropylene mesh products like	2	Q. If we could go to the next page.
3	the TVT-O?	3	
			Highlight the top. You asked me to highlight some
4	A. Yes, I was invited to one of these		Highlight the top. You asked me to highlight some of the names here. Are you familiar with these
4 5	A. Yes, I was invited to one of these conferences.	4 5	Highlight the top. You asked me to highlight some of the names here. Are you familiar with these names?
	conferences.	4	of the names here. Are you familiar with these names?
5	conferences. Q. And where was that?	4 5	of the names here. Are you familiar with these names? A. Um, these are co-authors of some
5 6 7	conferences. Q. And where was that? A. There was an annual hernia repair	4 5 6 7	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my
5 6	conferences. Q. And where was that?	4 5 6	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name.
5 6 7 8	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that?	4 5 6 7 8	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the
5 6 7 8 9	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin.	4 5 6 7 8 9	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke.
5 6 7 8 9	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year.	4 5 6 7 8 9	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the
5 6 7 8 9 10	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that	4 5 6 7 8 9 10	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on
5 6 7 8 9 10 11	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference?	4 5 6 7 8 9 10 11	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference?
5 6 7 8 9 10 11 12	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of	4 5 6 7 8 9 10 11 12	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's
5 6 7 8 9 10 11 12 13	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of Bard. Bard is a similar manufacturer like Ethicon	4 5 6 7 8 9 10 11 12 13	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's of surgery with mesh versus without mesh. Q. Okay. Either at this mesh
5 6 7 8 9 10 11 12 13 14 15	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of Bard. Bard is a similar manufacturer like Ethicon or competitor of Ethicon manufacturing implantable meshes.	4 5 6 7 8 9 10 11 12 13 14	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's of surgery with mesh versus without mesh. Q. Okay. Either at this mesh conference, or at any of the international
5 6 7 8 9 10 11 12 13 14 15	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of Bard. Bard is a similar manufacturer like Ethicon or competitor of Ethicon manufacturing implantable	4 5 6 7 8 9 10 11 12 13 14 15	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's of surgery with mesh versus without mesh. Q. Okay. Either at this mesh
5 6 7 8 9 10 11 12 13 14 15 16	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of Bard. Bard is a similar manufacturer like Ethicon or competitor of Ethicon manufacturing implantable meshes. Q. I'm showing you what we have marked	4 5 6 7 8 9 10 11 12 13 14 15 16 17	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's of surgery with mesh versus without mesh. Q. Okay. Either at this mesh conference, or at any of the international conferences were you have presented your
5 6 7 8 9 10 11 12 13 14 15 16 17	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of Bard. Bard is a similar manufacturer like Ethicon or competitor of Ethicon manufacturing implantable meshes. Q. I'm showing you what we have marked as Exhibit 2.	4 5 6 7 8 9 10 11 12 13 14 15 16 17	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's of surgery with mesh versus without mesh. Q. Okay. Either at this mesh conference, or at any of the international conferences were you have presented your scientific work on mesh, did any scientist, or
5 6 7 8 9 10 11 12 13 14 15 16 17 18	conferences. Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of Bard. Bard is a similar manufacturer like Ethicon or competitor of Ethicon manufacturing implantable meshes. Q. I'm showing you what we have marked as Exhibit 2PLAINTIFF EXHIBIT NO. 2: Brochure	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's of surgery with mesh versus without mesh. Q. Okay. Either at this mesh conference, or at any of the international conferences were you have presented your scientific work on mesh, did any scientist, or employee, or executive of any mesh manufacturer ever stand up at the conference or come up to you
5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of Bard. Bard is a similar manufacturer like Ethicon or competitor of Ethicon manufacturing implantable meshes. Q. I'm showing you what we have marked as Exhibit 2PLAINTIFF EXHIBIT NO. 2: Brochure for the Bard Davol Inc. European Hernia	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's of surgery with mesh versus without mesh. Q. Okay. Either at this mesh conference, or at any of the international conferences were you have presented your scientific work on mesh, did any scientist, or employee, or executive of any mesh manufacturer
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And where was that? A. There was an annual hernia repair conference if Berlin. Q. When was that? A. It was in September last year. Q. Who invited you to speak at that conference? A. It was a scientific committee of Bard. Bard is a similar manufacturer like Ethicon or competitor of Ethicon manufacturing implantable meshes. Q. I'm showing you what we have marked as Exhibit 2PLAINTIFF EXHIBIT NO. 2: Brochure for the Bard Davol Inc. European Hernia Symposium, Berlin, Germany, 2015.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	of the names here. Are you familiar with these names? A. Um, these are co-authors of some research articles we published together and my name. You can see my name. Q. If you can highlight the part of the agenda where he spoke. What topic were you invited to speak on at this international conference? A. This was a topic of pro's and con's of surgery with mesh versus without mesh. Q. Okay. Either at this mesh conference, or at any of the international conferences were you have presented your scientific work on mesh, did any scientist, or employee, or executive of any mesh manufacturer ever stand up at the conference or come up to you at any point and question you regarding your

	Page 26		Page 28
1	BY MR. ANDERSON:	1	Q. Have you received surgically-removed
2	Q. We have your objection. Answer	2	Ethicon meshes to perform pathological analysis as
3	please.	3	your role as an anatomic pathologist at St.
4	A. No.	4	Michael's Hospital? Let me see if I can ask a
5	Q. Did anyone question your experience?	5	better question.
6	A. No.	6	In your role as an anatomic pathologist
7	Q. Did anyone question your	7	at St. Michael's
8	credibility?	8	A. Yes.
9	A. No.	9	Q have you received, from surgeons,
10	Q. Did anyone question your	10	Ethicon surgical meshes that have been explanted
11	methodology?	11	from patients?
12	A. No.	12	A. Yes, I did.
13	Q. Anyone question any of your	13	Q. And have you received those in order
14	conclusions?	14	to conduct pathological analysis and
15	A. No.	15	clinico-pathological analysis?
16	Q. Anyone question any of your findings	16	A. Yes, I did.
17	from your peer-reviewed literature at this	17	Q. Approximately how many mesh
18	conference, or any international conference at	18	specimens have you examined in your career as a
19	which you've presented your scientific work on	19	pathologist?
20	mesh?	20	A. Over 300 by now.
21	A. No.	21	Q. How many of these would be vaginal
22	Q. Shifting gears now, as part of your	22	meshes versus hernia meshes made out of
23	daily practice at St. Michael's do you routinely	23	polypropylene?
24	receive foreign bodies or foreign materials like	24	A. Approximately 100 would be hernia
	Page 27		Page 29
1	medical devices that have been removed from	1	meshes and over 200 would be transvaginal meshes.
2	patients for which you have been asked to render	2	Q. Those would include meshes made by
3	medical diagnoses and opinion?	3	Ethicon?
4	A. Yes, we receive them regularly.	4	A. Yes.
5	Those devices would be cardiac valves, tissue	5	Q. And those would include
6	expanders, breast implants, hip joints, knee	6	polypropylene meshes?
7	joints and meshes.	7	A. Most of them are polypropylene
8	Q. And do those meshes include	8	meshes.
9	transvaginal meshes like the TVT-O sling?	9	Q. At this time we tender Dr. Vladimir
10	A. Yes, they do.	10	Iakovlev as an expert in the following areas,
11	Q. What are the primary reasons that	11	pathology, anatomic pathology, the pathology of
		1 1 0	
12	medical devices, like those you've just listed for	12	surgical meshes like the TVT-O, microscopic
13	the jury, are removed and sent to you in	13	analysis of the changes in the tissue when mesh is
13 14	the jury, are removed and sent to you in pathology?	13 14	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic
13 14 15	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to	13 14 15	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical
13 14 15 16	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to document the receipt of the device and then we	13 14 15 16	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical problems that led to surgical removal of the mesh,
13 14 15 16 17	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to document the receipt of the device and then we need to describe it grossly. Then during	13 14 15 16 17	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical problems that led to surgical removal of the mesh, and microscopic analysis of the degradation of
13 14 15 16 17 18	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to document the receipt of the device and then we need to describe it grossly. Then during examination we need to rule out natural disease	13 14 15 16 17 18	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical problems that led to surgical removal of the mesh, and microscopic analysis of the degradation of polypropylene mesh in the human body, including
13 14 15 16 17 18	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to document the receipt of the device and then we need to describe it grossly. Then during examination we need to rule out natural disease like cancer which could cause these symptoms. And	13 14 15 16 17 18 19	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical problems that led to surgical removal of the mesh, and microscopic analysis of the degradation of polypropylene mesh in the human body, including degradation of the TVT-O device.
13 14 15 16 17 18 19 20	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to document the receipt of the device and then we need to describe it grossly. Then during examination we need to rule out natural disease like cancer which could cause these symptoms. And then we can see what the changes were in the	13 14 15 16 17 18 19 20	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical problems that led to surgical removal of the mesh, and microscopic analysis of the degradation of polypropylene mesh in the human body, including degradation of the TVT-O device. MR. HUTCHINSON: Counsel, we're
13 14 15 16 17 18 19 20 21	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to document the receipt of the device and then we need to describe it grossly. Then during examination we need to rule out natural disease like cancer which could cause these symptoms. And then we can see what the changes were in the tissue, if the changes were related just to the	13 14 15 16 17 18 19 20 21	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical problems that led to surgical removal of the mesh, and microscopic analysis of the degradation of polypropylene mesh in the human body, including degradation of the TVT-O device. MR. HUTCHINSON: Counsel, we're reserving our objections.
13 14 15 16 17 18 19 20 21	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to document the receipt of the device and then we need to describe it grossly. Then during examination we need to rule out natural disease like cancer which could cause these symptoms. And then we can see what the changes were in the tissue, if the changes were related just to the device or to something else. And also we can	13 14 15 16 17 18 19 20 21 22	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical problems that led to surgical removal of the mesh, and microscopic analysis of the degradation of polypropylene mesh in the human body, including degradation of the TVT-O device. MR. HUTCHINSON: Counsel, we're reserving our objections. BY MR. ANDERSON:
13 14 15 16 17 18 19 20 21	the jury, are removed and sent to you in pathology? A. Well, the first reason is we need to document the receipt of the device and then we need to describe it grossly. Then during examination we need to rule out natural disease like cancer which could cause these symptoms. And then we can see what the changes were in the tissue, if the changes were related just to the	13 14 15 16 17 18 19 20 21	analysis of the changes in the tissue when mesh is implanted in the body, correlation of microscopic pathological findings to mesh patients' medical problems that led to surgical removal of the mesh, and microscopic analysis of the degradation of polypropylene mesh in the human body, including degradation of the TVT-O device. MR. HUTCHINSON: Counsel, we're reserving our objections.

8 (Pages 26 to 29)

1

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Page 30

- 1 in analyzing over 300 polypropylene mesh explants,
- 2 do you have an opinion, to a reasonable degree of
- 3 medical certainty, as to whether there are
- 4 anatomic differences between the abdominal wall 5
 - and the vaginal?

6

7

8

9

18

19

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

- A. Yes, there are.
- Q. What is that opinion, Doctor?
- A. The anterior abdominal wall is composed of layers of tissue for skin, and some
- 10 fat, and then muscle, and then fascia, and then
- 11 all nerves and vessels are run parallel. When the
- 12 hernia is repaired the mesh is laid flat against
- 13 all the structures and then the abdominal wall
- 14 expands slightly and then goes up and down with
- 15 breathing, but there is not much more action
- 16 beyond that. So the role of the mesh is just to
- 17 hold the pressure.
 - Now, if we go to the female pelvis or any pelvis there are no planes. The structures
- 20 are rounded and they are confined in a conical
- 21 shape in a confined space so there are no planes
- 22 in between the organs. The organs gradually
- 23 transition into each other and there are no planes
- 24 because the bladder is rounded, and then the

Page 31

vagina is rounded as well and then the rectum also is rounded.

And then the innervation comes from the sides and then sprays like this to innervate the bladder, the vagina and the rectum and then the skin around the vagina from outside. So when the mesh is placed it's crossing all this place -- all this path of innervation inside the tissue.

Also when the mesh is placed it's not placed parallel to one plane because there are no planes. So it's placed in the tissues somewhere between gradual transition. Also all the meshes in the vagina are placed on the sensitive vaginal mucosa. Mucosa is like skin just inside and it's very close do the surface. Hernia meshes are not put just under the skin. Hernia meshes are put very deep down.

Also in the pelvic area there are lots of action. The bladder needs to expand and contract; the vagina needs to change shape during intercourse; the rectum needs to function as well. So it's not like in anterior abdominal where there

23 is not much action. 24 Q. Is the nerve density of the pelvic area versus the nerve density for a woman's

2 abdominal area something you have published in the 3 peer-reviewed scientific literature?

4 A. Yes. I compared it -- on average if

5 we compare the entire abdominal wall and all areas

6 in the vagina, specifically around slings, the

7 difference is 11 times, over 11 times. The area

8 around slings in the vagina has 11 times more 9 innervation and then the anterior abdominal wall.

O. And what does "innervation" mean?

A. Innervation means there are nerves which are supplying the skin to feel it, to feel the surface. Because the genital area needs to be very sensitive, and we know why. And it's -sensation is supplied by the nerves. You have

more nerves you have more sensation.

Q. Doctor, did we ask you to review materials in this case and to give your expert conclusions with regard to Ms. Jennifer Ramirez?

A. Yes.

Q. And, Dr. Iakovlev, you understand you'll be expressing some expert conclusions and opinions here today, correct?

A. Yes, I do.

Page 33

Page 32

1 Q. And can we agree that every opinion 2 you express here today will be to a reasonable 3 degree of medical certainty whether or not I ask 4

that before each question, is that agreed?

A. We agree.

Q. Doctor, are you here today to offer any expert conclusions other than as an expert pathologist?

A. No. I'm a pathologist. I offer any opinions as a pathologist, as a doctor and as a pathologist.

Q. And did you use the same approach in this case, in Ms. Ramirez's case, that you do on a day-to-day routine basis as an anatomic pathologist at St. Michael's when you receive explanted medical devices from surgeons there?

A. Yes, exactly the same approach.

Q. What did you receive in this case in order to arrive at your expert conclusions for the jury here today?

A. I received medical records and I received the specimen in formalin.

Q. What do you mean by the specimen in formalin? Please be specific for the jury.

9 (Pages 30 to 33)

Page 34 Page 36 1 A. Specimen in formalin was the part of 1 today in Ms. Ramirez's body. 2 2 Q. You mentioned that the explant the sling or two piece of the sling which were 3 3 excised in March 2015. samples of the TVT-O mesh that was removed from 4 4 O. From Ms. Ramirez? Ms. Ramirez in March of 2015 was preserved by the 5 5 A. From Ms. Ramirez. They were surgeon in formalin. Is that what you said? 6 preserved in March 2015 in formalin. 6 A. That's correct. 7 7 Q. Okay. So for the record just Q. Can you please explain to the jury 8 briefly summarize your understanding of 8 what formalin is? 9 Ms. Ramirez's clinical course for the jury as it 9 A. Formalin is preservative. It's been 10 10 relates to this case and as it relates to the work used for over a hundred years. It's a standard 11 that you've done in this case. 11 preservative for tissue. We preserve all 12 12 A. Ms. Ramirez had hysterectomy and specimens, all biopsies in formalin to do our implantation of Ethicon TVT-O sling, 13 13 microscopic examination. It preserves tissue and 14 14 transobturator sling, in September 2010 for mild it can stay in formalin pretty much forever, it 15 stress urinary incontinence. Later on, sometime 15 will not degrade. 16 around November, she started experiencing pain on 16 Q. And did you analyze everything that 17 17 the left side. During examination the left side was made available to you? 18 18 of the string was found to be --A. Yes. 19 19 Q. The left side of the sling did you Q. Did you use the same procedures in 20 say? 20 that analysis that you would with any similar 21 A. The left side of Ms. Ramirez or left 21 specimen in your daily practice? 22 side of the sling was found to be bow stringing or 22 A. Yes. They were analyzed exactly the 23 tight. It was tight and it was producing pain. 23 same way. They were loaded into the same machine 24 Therefore the decision was to release the tension 24 and the machine was in the same protocol as any Page 35 Page 37 1 and to excise a part of it. And in December 2010 1 other diagnostic specimen. 2 one centimeter of the sling was excised. 2 Q. Do you know how the specimen was 3 3 Then Ms. Ramirez continued to have some handled before it came to you? 4 symptoms and it continued on up to 2014 and 2015. 4 A. It was preserved in formalin. I did 5 5 She continued to have pain on the left side and not see any indication that it was outside of 6 6 also she had some urinary obstructive symptoms. regular range of handling as I see every day. 7 She was examined, the treating doctor 7 Q. And how do you determine that as a 8 8 examined her, did investigations and the final pathologist to see if there was anything that was 9 9 decision was to excise the residual part of the done irregular in terms of the handling before it 10 10 sling. So in March 2015 the residual part which came to you? 11 could be excised was excised. Two pieces of two 11 A. Well I can see what's the end 12 centimeters were excised. 12 result. If the end result is unacceptable 13 Q. Is that the part that you received 13 something was done not correctly. 14 in order to analyze? 14 Q. Okay. And what did you do when you 15 A. Yes, I did. 15 received that tissue? 16 Q. Okay. Go ahead. 16 A. When I received the tissue we 17 A. I received two parts. 17 divided it with the defense consultant. Each 18 Q. Okay. 18 piece, and I mentioned I received two pieces of 19 19 A. But those side parts or lateral, the excised sling. Each piece was divided in 20 20 lateral means further sideways. Lateral parts are half. One half was retained by the defense 21 21 still remaining in the body. They could not be consultant and the other halves were analyzed at 22 removed. They are too deep inside the muscle in 22 St. Michael's laboratory. I prepared microscopic 23 23 the obturator space. Both the left and the right slides out of these two pieces. 24 sides are deep inside and they are still here 24 Q. Explain to the jury how you prepared

Page 38 Page 40 1 the microscopic slides from Ms. Ramirez's surgery 1 Q. And did you use any other type of 2 in March of 2015 that you're going to show to them 2 staining other than H&E on any of Ms. Ramirez's 3 today. 3 slides? 4 4 A. When we receive a specimen --A. I also used newer techniques which 5 Q. Specifically talk about what you did 5 were developed relatively recently, like 50 years 6 6 with Ms. Ramirez's sample. I know you said you do ago, these are called "immunostains". These are 7 7 it the same way every day but let's talk about her specific stains against specific proteins. And 8 sample if we could, Doctor. 8 when the protein is present the color is brown, 9 A. When I received her specimen I 9 when the protein is not present or where in the 10 examined it grossly. I felt it with my hands, and 10 areas where there is no protein it's blue. 11 we will describe it later with pictures how it 11 Q. What types of features in the tissue 12 12 looked grossly. can the blue versus brown staining help you as a 13 13 Q. Okay. pathologist to identify? 14 A. And then to look inside we need to A. For example, if I want to see nerves 14 15 cut very thin slices. It's like I explain earlier 15 better I can use S100 protein and then the nerves 16 it's like slicing bread. And when we slice it 16 will turn brown. 17 17 really thinly then we can put the slices of the O. On the slide? 18 excised tissue on the glass slide like this. 18 A. On the slide and I can see them 19 Q. Is that one of the slides that has 19 easily. 20 20 some of Ms. Ramirez's tissue on it? Q. Did you use any other standard 21 A. Yes. This is a slide and it's 21 pathological methods in your industry to analyze 22 labelled correctly with Ms. Ramirez's name. It 22 Ms. Ramirez's explanted tissue to arrive at your 23 contains slices of the tissue I received and which 23 opinions that you will be offering to the jury 24 were removed in March 2015 from Ms. Ramirez's 24 today? Page 39 Page 41 1 A. Yes, I did. 1 body. 2 Q. How many of the slides did you stain 2 Q. What was that? 3 3 A. Well first I use regular light on for her? 4 A. Seven. 4 the microscope and then I use polarizing light. 5 5 Q. And we will get into those finding Q. And what types of staining did you 6 6 use for those seven slides? about your polarizing light a little bit later 7 7 A. Because we cut them so thin they okay? 8 8 become transparent, so in order to see what A. Okay. 9 9 structured -- what is what in this -- in the Q. Did you have the actual piece of 10 10 tissue we need to stain it. Staining is like mesh or the pieces of mesh that were removed from 11 dyeing a fabric. We use some dyes or some stains 11 Ms. Ramirez's body in March of 2015? 12 and then we apply it and then some parts become 12 A. Yes, I had them. 13 pink, some parts become blue and then I can see 13 Q. Okay. Did you have the pathology report issued by the hospital's pathologist who 14 them in the microscope. 14 15 15 received the tissue right after it was removed There is one basic stain, the first 16 16 from her body on March 10, 2015? stain we usually do, it's called hematoxylin eosin 17 or in short we call it H&E. "H" means 17 A. Yes, I had. 18 hematoxylin, "E" means eosin. Eosin stains 18 Q. And is that something that you 19 19 reviewed and relied upon in forming your opinions proteins pink, hematoxylin stains nuclei blue. 20 20 in this case? All inflammatory cells stain blue, all scar tissue 21 21 stains pink. A. Yes. 22 22 Q. How long has H&E staining been Q. I'll hand you what has been marked 23 around and used by pathologists? 23 as plaintiff's Exhibit 3. A. Around a hundred years. 24 24 ---PLAINTIFF EXHIBIT NO. 3: Pathology

1	Page 42		Page 44
1	report from UT Southwestern Medical	1	Q. What is the primary reason that
2	Center re. Jennifer Ramirez, printed	2	tissue is sent to pathology departments around
3	4/1/2015.	3	North America every day?
4	BY MR. ANDERSON:	4	A. Well the most important reason any
5	Q. Can you first identify that for the	5	pathology is sent to rule out malignancy because
6	record? And can you publish that please?	6	we know malignancies kill.
7	A. This is a pathology from UT	7	Q. And malignancy meaning?
8	Southwestern Medical Center. It has name of	8	A. Cancers.
9	Ramirez Jennifer with date of birth March 10,	9	Q. Is this what this initial
10	1982.	10	pathologist did?
11	Q. What's the date of this record?	11	A. Yes.
12	A. The specimen collection date is	12	Q. And was that the end of his
13	March 10, 2015.	13	analysis.
14	Q. What did the pathologist describe in	14	A. Well, it was not exactly the end.
15	his pathology report of March 10, 2015?	15	Q. Okay.
16	A. So the final pathology diagnosis	16	A. He described more what is abnormal
17	was, "Vaginal mesh removal, synthetic mesh	17	in the tissue. First he sees no cancer and he
18	material with embedded fibrous tissue with chronic	18	reports it, and then he describes what is
19	inflammation. No evidence of malignancy."	19	abnormal. And the abnormality in the tissue is
20	Q. Okay. Let's get that whole final	20	synthetic mesh with fibrous tissue and chronic
21	diagnosis up there. Thank you.	21	inflammation. These are all pathological. We
22	A. There was also clinical	22	1 0
		1	normally don't have foreign bodies when we are
23	Q. Can you expand down to bottom	23	born, we don't have scarring when we are born and
24	please?	24	we don't have inflammation.
	Page 43	1	- AF
	rage 13		Page 45
1	A. There was also clinical information	1	Q. As part of your work in this case,
1 2	A. There was also clinical information provided with the specimen.	1 2	Q. As part of your work in this case, and after your review of the various stained
	A. There was also clinical information provided with the specimen. Q. What clinical information was		Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you
2	A. There was also clinical information provided with the specimen. Q. What clinical information was provided?	2	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital
2	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then,	2	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist?
2 3 4	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape."	2 3 4	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital
2 3 4 5	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then,	2 3 4 5	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist?
2 3 4 5 6	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape."	2 3 4 5 6	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did.
2 3 4 5 6 7	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez	2 3 4 5 6 7	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that?
2 3 4 5 6 7 8	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by	2 3 4 5 6 7 8	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more
2 3 4 5 6 7 8 9	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez	2 3 4 5 6 7 8	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to
2 3 4 5 6 7 8 9	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed?	2 3 4 5 6 7 8 9	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings
2 3 4 5 6 7 8 9 10	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No.	2 3 4 5 6 7 8 9 10 11 12	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked
2 3 4 5 6 7 8 9 10 11	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain.	2 3 4 5 6 7 8 9 10 11	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the
2 3 4 5 6 7 8 9 10 11 12 13	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings	2 3 4 5 6 7 8 9 10 11 12	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked
2 3 4 5 6 7 8 9 10 11 12 13 14	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings that the material I received and the material	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked to review this specimen in view of the litigation
2 3 4 5 6 7 8 9 10 11 12 13 14	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings that the material I received and the material which was examined at UofT Southwestern Medical	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked to review this specimen in view of the litigation I went one step further. I correlated those
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings that the material I received and the material which was examined at UofT Southwestern Medical Center contained the only pathological abnormality	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked to review this specimen in view of the litigation I went one step further. I correlated those pathological findings, which are the same, with
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings that the material I received and the material which was examined at UofT Southwestern Medical Center contained the only pathological abnormality of a mesh and tissue reaction to the mesh. There	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked to review this specimen in view of the litigation I went one step further. I correlated those pathological findings, which are the same, with the symptoms.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings that the material I received and the material which was examined at UofT Southwestern Medical Center contained the only pathological abnormality of a mesh and tissue reaction to the mesh. There was no natural disease like malignancy. And	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked to review this specimen in view of the litigation I went one step further. I correlated those pathological findings, which are the same, with the symptoms. Q. Did you endeavor to determine
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings that the material I received and the material which was examined at UofT Southwestern Medical Center contained the only pathological abnormality of a mesh and tissue reaction to the mesh. There was no natural disease like malignancy. And correctly the pathologist answered the question of	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked to review this specimen in view of the litigation I went one step further. I correlated those pathological findings, which are the same, with the symptoms. Q. Did you endeavor to determine whether or not from your analysis of the slides
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings that the material I received and the material which was examined at UofT Southwestern Medical Center contained the only pathological abnormality of a mesh and tissue reaction to the mesh. There was no natural disease like malignancy. And correctly the pathologist answered the question of the treating doctor that it is indeed suburethral	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked to review this specimen in view of the litigation I went one step further. I correlated those pathological findings, which are the same, with the symptoms. Q. Did you endeavor to determine whether or not from your analysis of the slides and your review of the records as to what your own
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. There was also clinical information provided with the specimen. Q. What clinical information was provided? A. "Urinary dysfunction", and then, "Questioned vaginal removal of suburethral tape." Q. Do the findings that you are going to show us here today differ from those made by the pathologist at the hospital where Ms. Ramirez had her mesh removed? A. No. Q. Please explain. A. So we had exactly the same findings that the material I received and the material which was examined at UofT Southwestern Medical Center contained the only pathological abnormality of a mesh and tissue reaction to the mesh. There was no natural disease like malignancy. And correctly the pathologist answered the question of the treating doctor that it is indeed suburethral tape. See there is a question mark and he	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. As part of your work in this case, and after your review of the various stained slides that you prepared at St. Michael's, did you have additional findings to those of the hospital pathologist? A. Yes, I did. Q. Can you explain that? A. Well, because I was asked more questions. I was asked to show or to report to the Court and to the jury if pathological findings correlate with the clinical presentation or with the complications. So my first answer was the same as for the pathologist, but since I was asked to review this specimen in view of the litigation I went one step further. I correlated those pathological findings, which are the same, with the symptoms. Q. Did you endeavor to determine whether or not from your analysis of the slides and your review of the records as to what your own pathological differential diagnosis was?

12 (Pages 42 to 45)

	Page 46		Page 48
1	clinico-differential diagnosis by Ms. Ramirez's	1	take all of that into consideration before forming
2	treating doctors?	2	your expert conclusion?
3	A. Yes, I did.	3	A. Yeah, I was basing I was reliant
4	Q. And were you able to do that?	4	on this clinical information, on the work-up of
5	A. Yes, I was able to do that.	5	treating doctors which was done for Ms. Ramirez.
6	Q. And are those the expert conclusions	6	Q. And are you here today to offer any
7	you're going to offer to the jury here today?	7	opinions as to whether or not her treating doctors
8	A. Yes.	8	complied with the standard of care?
9	Q. After you did the staining of	9	A. No.
10	Ms. Ramirez's slides what did you do next?	10	Q. Did you take photographs of the
11	A. Then I examined the slides in the	11	slides that were under the microscope?
12	microscope. First I needed to see what's abnormal	12	A. Yes, I did.
13	in the tissue and then further examine in details	13	Q. And what did you take those
14	the abnormalities in the tissue.	14	photographs with?
15	Q. Did you also review her medical	15	A. With a camera, something similar
16	records?	16	like this.
17	A. Yes, I did.	17	Q. Like the one that's sitting on top
18	Q. Okay.	18	of the microscope next to you here today?
19	A. I needed to know the background,	19	A. Yes, something like this.
20	what were the initial reasons why the sling was	20	Q. What's the purpose of taking
21	implanted, and then what type of sling was	21	photographs of the slides while they're on the
22	implanted, and when it was implanted and the	22	microscope?
23	reason why it was implanted. First of all to	23	A. To document my findings and to show
24	understand what device I'm looking at, second to	24	them to the jury and to the Court.
	Page 47		Page 49
1	correlate the pathological changes with the	1	Q. Did you bring photomicrographs of
2	reasons for explantation. Because when the	2	Ms. Ramirez's slides that you prepared here with
3	physicians were going through the differential	3	you today?
4	diagnosis they ruled out several entities but then	4	A. Yes, I did.
5	the decision was to excise due to specific	5	Q. Are they significant to your
6	reasons.	6	opinions in this case?
7	MR. HUTCHINSON: Move to strike as	7	A. Yes, they are.
8	nonresponsive.	8	Q. Did you also bring the slides
9	BY MR. ANDERSON:	9	themselves? I see those are in front of you here
10	Q. I asked you whether or not you	10	today?
11	reviewed medical records, correct?	11	A. Yes. These are the slides.
12	A. That's correct.	12	Q. Would it be helpful to show them to
13	Q. What was your purpose for reviewing	13	the jury?
14	those medical records?	14	A. So I'm showing this to the jury.
15	A. My purpose was to see what type of	15	Q. And are those the different stains
16	device was; if there was foreign body indeed	16	of these
17	implanted; what symptoms were developing and what	17	A. These are different stains and these
		18	three are H&E stains, the one I just explained
18	symptoms triggered excision of the mesh.	1 10	
18 19	Q. Was it significant to your analysis	19	
		l .	hematoxylin and eosin. And these three are
19	Q. Was it significant to your analysis and ultimately your opinions as to what mesh was	19	hematoxylin and eosin. And these three are immunostains, those blue and brown stains as I
19 20	Q. Was it significant to your analysis	19 20	hematoxylin and eosin. And these three are
19 20 21	Q. Was it significant to your analysis and ultimately your opinions as to what mesh was implanted, why it was implanted, and when it was	19 20 21	hematoxylin and eosin. And these three are immunostains, those blue and brown stains as I explained. And they are done by slicing the

13 (Pages 46 to 49)

Page 50 Page 52 1 glass slide, and then to see what is what in the 1 is curled, which will show better on the next 2 tissue we stain them. 2 photograph. 3 Q. Okay. 3 Q. Let's go to plaintiff's Exhibit 4 4 A. And here are different stains. 4(C). Can you identify this for the record? 5 Q. Okay. We talked about 5 A. So this is a combined image of 6 6 photomicrographs. You can put that down. We previous gross photograph and two microscopic 7 7 talked about photomicrographs. Did you bring some images. 8 here today to show the jury? 8 Q. Explain what we're seeing on the 9 A. Yes. 9 left please, Dr. Iakovlev? 10 10 O. Are these the same ones that would A. On the left there is a diagram 11 have been provided previously to Ethicon's 11 showing how we take slices. As I explained we 12 12 slice the tissue to make microscopic slides. It's lawyers? 13 13 like taking slice of bread. So this would be a A. Yes, they were. 14 Q. I'm showing you what we will mark as 14 slice, like this. And from this piece the slice 15 a document set which will be 4(A) through 4(M) 15 was taken parallel to the piece or flat to the 16 ---PLAINTIFF EXHIBIT NO. 4(A) to 4(M): 16 surface. It's like if we take a loaf of bread and 17 17 Series of photographs taken by Dr. for the top piece the loaf of bread would be cut 18 18 Iakovlev during the examination of perpendicular and for the bottom piece the loaf of 19 Jennifer Ramirez's specimen. 19 bread would be cut longitudinal. 20 20 BY MR. ANDERSON: Q. And are those two of the slides that 21 Q. Please identify this document set 21 you showed the jury on this slide board here just 22 a few minutes ago? 22 4(A) through 4(M), Doctor. 23 A. These are photographs I took during 23 A. Yes, they are exactly the same two 24 the examination of the specimen of Ms. Ramirez 24 slides. Page 51 Page 53 1 1 which was removed from her body in March 2015. Q. Okay. In your opinion, Doctor, what 2 Some of these are gross photographs and some of 2 degree of scarring -- well, go ahead. 3 3 them are microscopic photographs. A. These are H&E stained slides. The 4 4 Q. You mentioned gross photographs. scar tissue, as I explained, stains pink. And you 5 Can we please put Exhibit 4(A) up? 5 can see pink color in between those clear spaces 6 6 A. So the gross photograph is something and pink color here in between those clear spaces. 7 which we see with naked eye, without the 7 Now, why they are clear? Because microscope. And these are the two pieces that I 8 8 polypropylene is clear, it's like fishing line. 9 9 received. And this is the identifier for the If there is no color in it it's clear. But some 10 10 surgical case for St. Michael's Hospital. And we fibers of the mesh are colored blue, and you can 11 can see here that these two pieces correspond to 11 see some of them blue here. Now, all these spaces 12 what was correctly described as two pieces, 12 in between fibers are filled with scar tissue. To 13 approximately 2 centimeter each. One appears to 13 help the jury to understand where the mesh fibers 14 be wider here, one is narrow here. And I will 14 are and where the tissue is I colored mesh fibers 15 show on the next photograph why one is wider and 15 with yellow color on the next image. 16 16 one is a little bit narrower. Q. Okay. Can we see 4(D)? Please 17 Q. Okay. Let's publish plaintiff's 17 identify this for the jury. 18 4(B) please. What's the jury seeing in this 18 A. These are exactly the same images as 19 19 picture? you saw before. I just put yellow color in the 20 20 spaces where the mesh fibers are or were while in A. These are the same two pieces of 21 21 Ms. Ramirez's specimen which was removed in March the body of Ms. Ramirez. And --22 2015. Now it's a close-up and it's slightly 22 Q. In your opinion, Dr. Iakovlev, what different angle. And now I can show that one 23 23 degree of scarring is shown in Ms. Ramirez's 24 piece is -- this piece is flat and the other one 24 specimen?

14 (Pages 50 to 53)

Page 54 Page 56 1 A. There is one hundred percent 1 when it matures, when it heals, it contracts. The 2 2 scarring. All the tissue we see here, all pink body tries to minimize, to shrink the area of 3 3 tissue is scar tissue. damage. But when it contracts it's not as 4 4 Q. Is there any healthy tissue in and flexible and it also pulls the tissue together so 5 around the fibers of the explant as demonstrated 5 people cannot move some arms if it's a large area. 6 6 in Exhibit 4(D)? The same happens with the scar tissue which is 7 7 A. No, there is none. What happens inside the mesh. It pulls all the mesh fibers 8 when we damage the tissue or there is an empty 8 together, it shrinks. And in terms of TVT or 9 space in the body it becomes filled with scar 9 TVT-O sling it tightens the sling because it 10 10 tissue. Our body heals through producing a scar contracts within, it pulls everything together. 11 tissue. And in this case this space in between 11 Q. Does it -- does contraction cause 12 12 mesh fibers did not exist before the mesh was the mesh implant to be stiffer or more flexible? 13 placed. It became filled with scar tissue during 13 A. It becomes stiffer. Because you can 14 14 healing. see scar tissue here is very dense. It's like a 15 Q. Are you familiar with the term 15 tendon. It's as dense as tendon. "bridging fibrosis"? 16 16 Q. Based on those images, and your 17 17 A. Yes, I am. overall analysis of Ms. Ramirez's explant, do you 18 have an opinion to a reasonable degree of medical Q. Can you please explain? 18 19 19 certainty as to whether the TVT-O sling contracted A. So as you can see scar tissue fills 20 the spaces between mesh fibers or bridges from one 20 while in Ms. Ramirez's body? 21 fiber to another, from one fiber to another. So 21 A. Yes, I do. 22 22 this is bridging fibrosis. Fibrosis and scarring Q. And what is that opinion? 23 are the same. 23 A. My opinion is that TVT-O contracted 24 24 while it was in Ms. Ramirez's body. Q. Okay. Are you familiar with the Page 55 Page 57 1 term "scar plating" and "scar encapsulation"? 1 Q. Is there anything else descriptive 2 A. Yes. 2 in these images that you'd like to explain to the 3 3 Q. Can you please explain those and jury? 4 4 whether or not we see those in Exhibit 4(D)? A. That's interesting because, as I 5 5 explained, one piece is flat the other -- one A. Scar encapsulation happens with all 6 6 foreign bodies. All foreign bodies become piece is curled. And the next image will show the 7 7 isolated from the body. The body tries to isolate plain of curling in the top image. 8 8 them and encase them in scar tissue. So this Q. Can we see 4(E) please? Please 9 9 would be scar encapsulation. Together with the identify this for the jury and explain how it 10 10 scar inside, the scar from outside, this would be relates to your opinions in this case? 11 capsule and scar inside is bridging fibrosis, and 11 A. These are the same images we just --12 they all together they form one solid structure. 12 we saw before but the difference is I put this 13 It's like concrete filling the spaces in between 13 thick yellow band to show how the sling curled. 14 the rebar. Rebar would be the mesh fibers and the 14 So the sling, or TVT-O tape, curled in this piece, 15 concrete would be scar tissue. It solidifies the 15 or what sometimes treating doctors call "roped" or 16 area and holds all mesh fibers within the scar 16 there is a roping, or in this for Ms. Ramirez it 17 tissue. 17 was called "bow stringing". It was like a tight 18 Q. Are you familiar with the term "mesh 18 bow string. 19 contraction" sometimes known as "mesh shrinkage"? 19 And it happened because it curled up and 20 20 A. Yes, I am. the space within the curl or within the roll was 21 21 Q. What is that and how does it occur? filled with scar tissue. It's like concrete. It 22 A. We know that all scar tissue in the 22 filled the space within that's why it shows that 23 body contracts. You've probably seen some burn 23 that curling occurred inside the body, which 24 victim when there is a large area and scar tissue 24 correlates with the clinical description of bow

15 (Pages 54 to 57)

Page 58 Page 60 1 stringing. Because it was curled up like a rope, 1 the macrophages. 2 it was filled with dense scar tissue and it 2 In terms of foreign bodies the same 3 3 occurred in the body. thing happens with the foreign bodies. The body 4 4 Q. Doctor, hypothetically if there is sends these fighter cells to degrade or destroy 5 testimony in this case that these slides that the 5 the foreign body and they will be surrounding this 6 6 jury has been looking at show normal tissue around foreign body as long as the foreign body stays in 7 7 and in between these mesh fibers, do you have an the body. 8 opinion to a reasonable degree of medical 8 So what they do when they come they 9 certainty about that? 9 start producing all this reactive chemicals which 10 10 A. I do. can destroy, and which are designed to destroy and 11 Q. And what is that opinion? 11 degrade the foreign body and bacteria, and they 12 12 A. My opinion is there is one hundred will stay there and they will produce these 13 13 reactive chemicals. percent scar tissue. There is no normal tissue anywhere in this specimen. All of the tissue in 14 14 Q. Is the inflammation that we see in 15 15 between mesh fibers is scar tissue, dense scar Exhibits 4(F) and 4G transient or temporary 16 tissue as dense as a tendon. 16 inflammation? 17 17 Q. Thank you, Doctor. If we could show A. Absolutely not. 18 Exhibit 4(F) and 4(G). Can you please identify 18 Q. Please explain. 19 19 those for the record? A. This inflammation, this foreign body 20 A. These are microscopic images of the 20 type inflammation will stay as long as the foreign 21 specimen which was taken out of Ms. Ramirez's body 21 body stays in the body. 22 22 in March 2015. This is a higher power Q. You're familiar with the term 23 magnification. These are two images. One image 23 "chronic" on "permanent inflammation"? 24 is original image on the top, and the second image 24 A. Yes, I am. Page 59 Page 61 1 1 is the same image but I just filled the spaces Q. What does that mean? 2 where the mesh fibers are with yellow color just 2 A. "Chronic" means long-term. 3 3 to help the jury to orient where the mesh fibers "Permanent" means forever. 4 4 Q. Is this chronic or permanent 5 5 inflammation from Ms. Ramirez's slides? Now, we can see pink color, which you 6 6 saw before. This is scar tissue, the same scar A. This is chronic and permanent as 7 7 long as foreign body stays in the body. This part tissue, but there is something in between like a 8 8 halo around the mesh fibers, in between mesh was removed but the lateral parts, the side parts, 9 9 fibers and the scar tissue. And this halo is deeper parts, are still in the body of 10 10 Ms. Ramirez. purple and then it has these dark blue dots. 11 11 Q. Do you have an opinion to a These dark blue dots are nuclei of macrophages. 12 Q. Are nuclei of macrophages. Okay, 12 reasonable degree of medical certainty as to 13 13 we're not all pathologists so can you just explain whether or not the pieces of the TVT-O sling that 14 to the jury what nuclei of macrophages are and why 14 are still in Ms. Ramirez continue to have chronic, 15 that's important, in your view, regarding these 15 permanent inflammation in and around the mesh 16 16 fibers? images? 17 A. Nuclei are center or the cell, it's 17 A. Yes, they will. 18 like a brain of the cell. It controls everything. 18 Q. Do you have an opinion, to a 19 19 Macrophages are the fighter cells. The body sends reasonable degree of medical certainty, as to 20 20 macrophages to fight with something which is whether or not Ms. Ramirez's TVT-O mesh caused the 21 21 damaging the body, either bacteria or foreign chronic foreign body type inflammation, fibrotic 22 22 bodies. When the bacteria comes to macrophages bridging, scar plating, scar encapsulation, 23 23 curling, roping and mesh contraction that you have come and then they try to either destroy, dissolve 24 24 them or swallow them up and then destroy within identified in these images?

16 (Pages 58 to 61)

	Page 62		Page 64
1	A. Yes, I am.	1	hematoxylin eosin or H&E.
2	MR. HUTCHINSON: Objection, foundation.	2	Q. Now let's go to images 4(J) and
3	THE DEPONENT: Yes. I do have this	3	oh wait. Go ahead.
4	BY MR. ANDERSON:	4	A. I wanted to show one area here.
5	Q. What is that opinion?	5	Q. Okay. So can you please describe in
6	A. My opinion is that mesh which was	6	the upper and lower image where these nerve
7	implanted into Ms. Ramirez's body caused bridging	7	branches are and what is surrounding the nerve
8	fibrosis, scar encapsulation, scar plating, nerve	8	branches?
9	entrapment, chronic foreign body reaction, scar	9	A. So these are the nerve branches and
10	contraction and sling tightening while it was in	10	this is part of the mesh, or mesh fibers. And the
11	Ms. Ramirez's body.	11	*
12	•	12	nerve branches are entrapped in scar tissue. So
	Q. Doctor, you just mentioned bridging	13	this would be the same magnification but in a
13	fibrosis, scar encapsulation, scar plating, nerve		labelled image. So these are nerve branches but
14	contraction and sling tightening while the mesh	14	it's somewhat difficult to see them in H&E section
15	was in Ms. Ramirez's body. Do you remember that?	15	so I use a different stain to show them better.
16	A. I do.	16	Q. You mentioned before an S100
17	Q. In your review of over 300 explanted	17	staining to the jury?
18	meshes, in the publications that you have put in	18	A. That's correct.
19	the peer-reviewed literature, at the conferences	19	Q. Did you do S100 staining of these
20	at which you have spoken, international	20	same slides?
21	conferences around the world, have you been able	21	A. Yes, I did.
22	to determine that there were similar findings in	22	Q. And did you bring those here with
23	those or some of those mesh explants?	23	you today to show the jury?
24	MR. HUTCHINSON: Objection, foundation.	24	A. Yes.
	Page 63		Page 65
1	THE DEPONENT: Yes, I was able to.	1	Q. Can you publish 4(J) and 4(K).
2	These findings occur in almost all mesh specimens	2	D t - u - u - 4(I) - u - 1 4(IV) + 1 u - + :
3	4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		Doctor, are $4(J)$ and $4(K)$ the same tissue sample
	to a degree, to different degrees, but all this is	3	as 4(H) and 4(I) that the jury just saw?
4	happening in all mesh specimens.	3 4	*
	-	1	as 4(H) and 4(I) that the jury just saw?
4	happening in all mesh specimens.	4	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area
4 5	happening in all mesh specimens. BY MR. ANDERSON:	4 5	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers
4 5 6	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your	4 5 6	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before.
4 5 6 7	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature?	4 5 6 7	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing?
4 5 6 7 8	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading.	4 5 6 7 8	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury
4 5 6 7 8 9	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your	4 5 6 7 8 9	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be
4 5 6 7 8 9	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON:	4 5 6 7 8 9	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye
4 5 6 7 8 9 10	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature?	4 5 6 7 8 9 10	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve
4 5 6 7 8 9 10 11	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research	4 5 6 7 8 9 10 11 12 13	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is
4 5 6 7 8 9 10 11 12 13	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the	4 5 6 7 8 9 10 11 12 13	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are
4 5 6 7 8 9 10 11 12 13 14	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings.	4 5 6 7 8 9 10 11 12 13 14	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue.
4 5 6 7 8 9 10 11 12 13 14	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings. Q. Showing you what's been marked as	4 5 6 7 8 9 10 11 12 13	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue. Q. Are those nerves strike that.
4 5 6 7 8 9 10 11 12 13 14 15 16	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings. Q. Showing you what's been marked as plaintiff's Exhibits 4(H) and 4(I). Please	4 5 6 7 8 9 10 11 12 13 14 15 16	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue. Q. Are those nerves strike that. Are there different types of nerves in
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings. Q. Showing you what's been marked as plaintiff's Exhibits 4(H) and 4(I). Please identify these images. First identify them for	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue. Q. Are those nerves strike that. Are there different types of nerves in the human body? First answer that question. Are
4 5 6 7 8 9 10 11 12 13 14 15 16	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings. Q. Showing you what's been marked as plaintiff's Exhibits 4(H) and 4(I). Please identify these images. First identify them for the jury and then we'll talk about what they show.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue. Q. Are those nerves strike that. Are there different types of nerves in the human body? First answer that question. Are there different types of nerves in the human body?
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings. Q. Showing you what's been marked as plaintiff's Exhibits 4(H) and 4(I). Please identify these images. First identify them for the jury and then we'll talk about what they show. A. These are this is one image. One	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue. Q. Are those nerves strike that. Are there different types of nerves in the human body? First answer that question. Are there different types of nerves in the human body? A. There are.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings. Q. Showing you what's been marked as plaintiff's Exhibits 4(H) and 4(I). Please identify these images. First identify them for the jury and then we'll talk about what they show. A. These are this is one image. One is unlabelled the other one is labelled. It's a	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue. Q. Are those nerves strike that. Are there different types of nerves in the human body? First answer that question. Are there different types of nerves in the human body? A. There are. Q. Are you familiar with the terms
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings. Q. Showing you what's been marked as plaintiff's Exhibits 4(H) and 4(I). Please identify these images. First identify them for the jury and then we'll talk about what they show. A. These are this is one image. One is unlabelled the other one is labelled. It's a microphotograph of the area of the specimen which	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue. Q. Are those nerves strike that. Are there different types of nerves in the human body? First answer that question. Are there different types of nerves in the human body? A. There are. Q. Are you familiar with the terms "sensory nerves" and "motor nerves"? Are you
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	happening in all mesh specimens. BY MR. ANDERSON: Q. And that's been reported in your peer-reviewed literature? MR. HUTCHINSON: Objection, leading. BY MR. ANDERSON: Q. Has that been reported in your peer-reviewed literature? A. It has been reported in peer-reviewed literature before I started research and then I continued the work and I published the same findings. Q. Showing you what's been marked as plaintiff's Exhibits 4(H) and 4(I). Please identify these images. First identify them for the jury and then we'll talk about what they show. A. These are this is one image. One is unlabelled the other one is labelled. It's a	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	as 4(H) and 4(I) that the jury just saw? A. Yeah. It's exactly the same area it's just a different stain. These mesh fibers are the same you saw before. Q. What is the blue area that the jury is seeing? A. Blue here is a different dye staining scar tissue. So scar tissue can be stained pink in H&E and in this stain it's blue. Now, if we zoom in now we can see that the nerve branches or nerves are staining brown. This is the mesh fiber, this is scar tissue and these are nerves which are sitting in the scar tissue. Q. Are those nerves strike that. Are there different types of nerves in the human body? First answer that question. Are there different types of nerves in the human body? A. There are. Q. Are you familiar with the terms

17 (Pages 62 to 65)

Page 66 Page 68 1 slightly incorrect term, sensory nerves of motor 1 show 2 2 nerves. A. This is another image of the nerves, 3 Q. Can you please explain that? 3 brown staining, however, this one shows that the 4 4 A. Most of the nerves in our body are nerves are within the mesh. They are between the 5 mixed. What is separate, sensory versus motor, 5 fibers. So these nerves, and I will zoom in, 6 6 are fibers. So a nerve is like a bundle, like a these nerves they grew into the mesh spaces after 7 7 thick capable containing multiple wires and the the mesh was placed. 8 wires inside are nerve fibers, but the nerve 8 Q. Why is that significant to your 9 itself contains multiple nerve fibers. So one 9 opinion? 10 10 fiber can be motor, one fiber can be sensory but A. Because these nerves are not just 11 they are all together in one nerve. 11 trapped in the scar tissue. They are also trapped 12 12 Q. So are these nerves that we see here in the mesh. So when the mesh was placed the 13 mixed nerves, like you just described, or are they 13 nerves grew through the pores of the mesh and became trapped in the mesh. So, first of all they 14 separated? 14 15 A. To a reasonable degree of medical 15 are in scar tissue firmly fixed, immobilized in 16 certainty these nerves are mixed. Another 16 scar tissue. Second, they are within the pores. 17 17 additional piece of information is where are we in So if the sling is moved or contracted they will 18 18 the body specifically for this specimen? pull on the nerves. 19 19 O. Okav. Q. What's the effect of pulling on the 20 20 A. This was excised right underneath nerves in this fashion to the body? 21 vaginal mucosa. 21 A. It will produce pain. It's like 22 22 Q. Why is that significant to your pinched pain or pulled nerve. Pinched nerve or 23 opinion? 23 pulled nerve. 24 24 Q. Okay. MR. HUTCHINSON: Move to strike as Page 67 Page 69 1 A. Also because they are in this tight nonresponsive. 1 2 THE DEPONENT: It is significant --2 space and within dense scar tissue they can become 3 3 BY MR. ANDERSON: distorted further. 4 4 Q. Hold on. So you explain that the --MR. HUTCHINSON: Move to strike as 5 to a reasonable degree of medical certainty these 5 nonresponsive. 6 nerves are mixed nerves, correct? 6 BY MR. ANDERSON: 7 7 Q. And what happens when a nerve is A. That's correct. 8 8 Q. What area of the body are these distorted? 9 9 nerves coming from and is that significant to your A. It produces pain. 10 10 Q. Do you have an opinion to a opinions? 11 A. They come from underneath of vaginal 11 reasonable degree of medical certainty as to the 12 mucosa and it is significant to my opinions. 12 condition of the nerves that we see here in 13 O. Why? 13 plaintiff's 4(I), (J), (K), (L) and (M)? 14 A. Because in that area most of the 14 A. The nerves themselves are normal so 15 function of the nerves is to supply sensation from 15 they are healthy nerves which can conduct healthy 16 vaginal mucosa. There is not much motor function 16 pain symptoms -- sensation. So they can conduct in the area. There are no more large organs. The 17 17 pain but the position of them is abnormal. 18 bladder is all the way back. There are no more 18 Q. Why do you say that? 19 19 muscles here. They are right next to mucosa. A. They are in scar tissue inside the 20 There is not much else to do for the nerves other 20 mesh or outside of the mesh. It's not normal to 21 21 than just provide sensation from the mucosa. have nerves in the scar tissue. Scar tissue is 22 22 Q. Okay. Let's look at the next not normal tissue, it is abnormal tissue and it is 23 23 photograph, 4(L) and 4(M). Please identify these abnormal to have nerves trapped in the scar 24 images for the jury and then explain what they 24 tissue.

18 (Pages 66 to 69)

	Page 70		Page 72
1	Q. Doctor, hypothetically if there is	1	list. Note my objection for the record.
2	testimony during this trial that nerve fibers that	2	MR. ANDERSON: And it is a demonstrative
3	deliver pain signals to the brain cannot be	3	aid used for purposes of the record, like we
4	stained with this S100 staining that you've been	4	normally do for trials in using demonstrative
5	showing to the jury would you have an opinion	5	aids.
6	about that?	6	BY MR. ANDERSON:
7	A. I would.	7	Q. So go right ahead. And would you
8	Q. And what is that opinion, and have	8	like to compare this to the S100 stain?
9	you brought anything to help demonstrate that to	9	A. Yes.
10	the jury?	10	Q. Please put up that S100. If you
11	A. My opinion is that it doesn't matter	11	could put that up next to the nerve.
12	for the purpose of my opinions, and generally for	12	A. I'll do it myself.
13	the analysis of the specimen, and I explain you	13	Q. Please explain to the jury why you
14	why.	14	have put the S100 stain from Ms. Ramirez next to
15	Q. Have you brought something to	15	demonstrative aid on the left?
16	demonstrate to the jury?	16	A. So you can see that there is
17	A. I brought a demonstrative image.	17	staining in some of the fibers but there's no
18	Q. And do you believe it would be	18	staining in other fibers, but they are all
19	helpful to the jury in order to explain your	19	together. So all those dark blue nuclei or dots,
20	conclusions in this regard?	20	and some of them are staining brown some of them
21	A. Yes, I do.	21	are not staining brown. But it doesn't matter,
22	Q. I'm handing you what has been marked	22	they are all together. Motor fibers, sensory
23	as Exhibit 5.	23	fibers they are all together in one nerve.
24	PLAINTIFF EXHIBIT NO. 5: Diagram	24	Q. What is that significant to your
	Page 71		Dama 72
	1430 /1		Page 73
1		1	
1 2	depicting the spinal cord.	1 2	opinions, if at all, with regard to whether or not
			opinions, if at all, with regard to whether or not S100 can stain sensory nerves?
2	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON:	2	opinions, if at all, with regard to whether or not
2 3	depicting the spinal cord. THE DEPONENT: Thank you.	2	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They
2 3 4	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the	2 3 4	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains
2 3 4 5	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record.	2 3 4 5	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain
2 3 4 5 6	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal	2 3 4 5 6	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle.
2 3 4 5 6 7	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing	2 3 4 5 6 7	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a
2 3 4 5 6 7 8	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and	2 3 4 5 6 7 8	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break.
2 3 4 5 6 7 8	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which	2 3 4 5 6 7 8	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record
2 3 4 5 6 7 8 9	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain	2 3 4 5 6 7 8 9	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m.
2 3 4 5 6 7 8 9 10	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or	2 3 4 5 6 7 8 9 10	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken.
2 3 4 5 6 7 8 9 10 11	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are	2 3 4 5 6 7 8 9 10 11	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the
2 3 4 5 6 7 8 9 10 11 12 13	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain	2 3 4 5 6 7 8 9 10 11 12 13	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m.
2 3 4 5 6 7 8 9 10 11 12 13 14	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain stains this insulation, it doesn't stain the fiber	2 3 4 5 6 7 8 9 10 11 12 13 14	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m. BY MR. ANDERSON:
2 3 4 5 6 7 8 9 10 11 12 13 14 15	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain stains this insulation, it doesn't stain the fiber itself or the wire itself but it stains insulation. Some of the nerve fibers are not insulated but they run in the same bundle. And	2 3 4 5 6 7 8 9 10 11 12 13 14	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m. BY MR. ANDERSON: Q. Okay. Doctor, going back to this overlaid image that we were showing the jury a minute ago where we had the blue staining over the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain stains this insulation, it doesn't stain the fiber itself or the wire itself but it stains insulation. Some of the nerve fibers are not insulated but they run in the same bundle. And all of them run together insulated, or myelinated,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m. BY MR. ANDERSON: Q. Okay. Doctor, going back to this overlaid image that we were showing the jury a minute ago where we had the blue staining over the top of Exhibit 5?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain stains this insulation, it doesn't stain the fiber itself or the wire itself but it stains insulation. Some of the nerve fibers are not insulated but they run in the same bundle. And all of them run together insulated, or myelinated, \$100 positive or \$100 negative, all of them run	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m. BY MR. ANDERSON: Q. Okay. Doctor, going back to this overlaid image that we were showing the jury a minute ago where we had the blue staining over the top of Exhibit 5? A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain stains this insulation, it doesn't stain the fiber itself or the wire itself but it stains insulation. Some of the nerve fibers are not insulated but they run in the same bundle. And all of them run together insulated, or myelinated, \$100 positive or \$100 negative, all of them run together. And I can show you how it's similar to	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m. BY MR. ANDERSON: Q. Okay. Doctor, going back to this overlaid image that we were showing the jury a minute ago where we had the blue staining over the top of Exhibit 5? A. Yes. Q. Do you remember this? So just to be
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain stains this insulation, it doesn't stain the fiber itself or the wire itself but it stains insulation. Some of the nerve fibers are not insulated but they run in the same bundle. And all of them run together insulated, or myelinated, \$100 positive or \$100 negative, all of them run together. And I can show you how it's similar to what I saw in Ms. Ramirez's body.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m. BY MR. ANDERSON: Q. Okay. Doctor, going back to this overlaid image that we were showing the jury a minute ago where we had the blue staining over the top of Exhibit 5? A. Yes. Q. Do you remember this? So just to be clear, I may have misspoken. What type of
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain stains this insulation, it doesn't stain the fiber itself or the wire itself but it stains insulation. Some of the nerve fibers are not insulated but they run in the same bundle. And all of them run together insulated, or myelinated, \$100 positive or \$100 negative, all of them run together. And I can show you how it's similar to what I saw in Ms. Ramirez's body. MR. HUTCHINSON: Excuse me. Note my	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m. BY MR. ANDERSON: Q. Okay. Doctor, going back to this overlaid image that we were showing the jury a minute ago where we had the blue staining over the top of Exhibit 5? A. Yes. Q. Do you remember this? So just to be clear, I may have misspoken. What type of staining is the image on the right?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	depicting the spinal cord. THE DEPONENT: Thank you. BY MR. ANDERSON: Q. Doctor, please identify that for the record. A. This is a diagram showing spinal cord, so this would be person lying down, facing down and this would be the back of the person and this is spinal cord. And these are nerves which are coming out of spinal cord. And as I explain you earlier, the nerves combine multiple wires or multiple nerve fibers. Some of the fibers are insulated so some are myelinated. And \$100 stain stains this insulation, it doesn't stain the fiber itself or the wire itself but it stains insulation. Some of the nerve fibers are not insulated but they run in the same bundle. And all of them run together insulated, or myelinated, \$100 positive or \$100 negative, all of them run together. And I can show you how it's similar to what I saw in Ms. Ramirez's body.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	opinions, if at all, with regard to whether or not S100 can stain sensory nerves? A. It doesn't matter, as I said. They are all together in one fiber. If S100 stains other nerve fibers not those which conduct pain they're still there in one bundle. MR. ANDERSON: Okay. We need to take a break. THE VIDEOGRAPHER: Going off the record at 10:27 a.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 10:37 a.m. BY MR. ANDERSON: Q. Okay. Doctor, going back to this overlaid image that we were showing the jury a minute ago where we had the blue staining over the top of Exhibit 5? A. Yes. Q. Do you remember this? So just to be clear, I may have misspoken. What type of

19 (Pages 70 to 73)

Page 74 Page 76 1 S100 stain. And if I can have my mouse back. So 1 BY MR. ANDERSON: 2 now we have some staining here and some fibers are 2 Q. Exhibit 6 identified and used for 3 3 not staining. demonstrative purposes only. Can you please 4 4 identify this for the jury? O. Okay. 5 5 A. Exactly what happens in the diagram. A. This is a diagram I prepared in my 6 6 expert report to show the relationship of the Some fibers are myelinated, or insulated, they 7 7 stain with S100 some fibers are not. Pain can be excised pieces to the anatomical structures in delivered by either myelinated or nonmyelinated. 8 Ms. Ramirez's body. So she had --9 There are two main type of fibers which deliver 9 Q. Explain what we're seeing in the 10 10 pain, but again it doesn't matter. All of them upper photo please? 11 are bundled together in one nerve. Its' a mixed 11 A. She had implantation of TVT-O sling 12 12 nerve, sensory and motor. If we see a nerve there in September 2010 and it's colored yellow. These 13 will be sensory fibers, there will be fibers which 13 red triangles on the left, this would be 14 14 deliver pain signals to the brain. Ms. Ramirez's left, our right. And this would be 15 Q. Thank you. 15 Ms. Ramirez's right. These triangles are muscle 16 MR. HUTCHINSON: Move to strike as 16 behind the bone, or spaces within the 17 17 nonresponsive. transobturator space. And this separate of the 18 18 sling is the part which is exposed or can be found BY MR. ANDERSON: 19 19 if we do dissection. And this is relationship of Q. All of the things that you just 20 20 mentioned to the jury do you hold those to a the sling to the urethra. So it was under the 21 reasonable degree of medical certainty? 21 urethra. We know what happened. By November of 22 22 A. Yes, I do. 2010 the left side became painful. It was 23 23 Q. Doctor, I'd like to discuss your described as bow stringing. 24 findings regarding your pathological analysis of 24 Q. Is that where you have your cursor Page 77 Page 75 1 Ms. Ramirez's urinary symptoms, okay? pointed right now? 1 2 A. Okay. 2 A. Yes. So this is Ms. Ramirez's left. 3 3 Q. From you review of Ms. Ramirez's The decision at that time was to excise that part 4 medical records could you determine which parts of 4 of sling and release the pressure. And we know 5 the TVT-O sling were explanted and sent to 5 why that pressure occurred or the tensioning 6 6 pathology from her 2010 and 2015 explant occurred. 7 7 surgeries? Q. And why was that, Doctor? 8 8 A. Yes. I could correlate operative A. I explained to you the sling roped 9 9 reports, pathological descriptions and my up; it became filled with dense scar tissue; scar 10 10 examination of the specimen. tissue contracted, pulled it together, tightened Q. Did you, with my help, prepare a 11 11 it so that bow stringing was at the roped mesh 12 demonstrative slide in order to demonstrate these 12 contracted because of scar contraction. 13 explants from these two surgeries? 13 Q. Is that in the area where you're 14 A. Yes, I did. 14 showing in the second slide, is that what you're 15 Q. Do you believe they would be helpful 15 talking about? to the jury in expressing your opinions? 16 16 A. Yes. And this area was excised, 17 A. Yes, I do. 17 partially excised, only 1 centimeter was excised 18 Q. Would you please show Exhibit 6? 18 in 2010. 19 19 ---PLAINTIFF EXHIBIT NO. 6: Diagram Q. Were you able to look at the piece 20 20 that was excised in 2010 from Ms. Ramirez's body? prepared by Dr. Iakovlev depicting the 21 21 relationship of the excised pieces to A. No. As far as I understand it was 22 the anatomical structures in Ms. 22 not preserved. 23 23 Jennifer Ramirez's body. Q. And what are we seeing now in the 24 24 lower image?

20 (Pages 74 to 77)

	Page 78		Page 80
1	A. So Ms. Ramirez continued to have	1	meshes implanted in the human body, like the TVT-O
2	symptoms and in 2015, in March of 2015 two	2	device that was implanted in Ms. Ramirez, what
3	portions were excised. And you can see here that	3	does the term degradation mean to you as a
4	one portion was still a portion of the left side.	4	scientist and pathologist?
5	Q. And what is that little orange dash	5	A. The term of degradation, in
6	that's going down underneath the urethra, there?	6	relationship to implanted transvaginal meshes,
7	A. This is the middle portion and it	7	means that the material of the mesh changes,
8	identifies which side is left and which side is	8	changes because the body is attacking it. It's
9	right. So this side was still from the area which	9	trying to destroy or degrade it. So it's intended
10	was described as bow stringing or cording. And we	10	purpose of the inflammatory response to degrade it
11	can see that one piece during gross examination	11	and that's what happens to polypropylene. It
12	was roped up. So this correlates with the left	12	changes, it degrades.
13	side which was found clinically roped.	13	Q. Did you make any microphotographs
14	Q. Now, Doctor, are you in this picture	14	from the slides in order to demonstrate this
15	trying to suggest what Jennifer's urethra actually	15	principle of degradation from Ms. Ramirez's
16	looked like?	16	explant that you brought here to show the jury
17	A. No, I just show where the position	17	today?
18	is.	18	A. Yes, I did.
19	Q. Okay.	19	Q. Can we see Exhibit 7(A) and (B)
20	A. So we agreed that pain was here	20	please.
21	because of tightening of the sling contraction.	21	PLAINTIFF EXHIBIT NO. 7(A) to 7(D):
22	And when it was tightening it was compressing into	22	Series of high magnification images
23	the urethra.	23	depicting the specimen from Mr. Ramirez
24	Q. So on the bottom image where it	24	excised in March 2015.
21		21	
1	Page 79		Page 81
1	says, "Excised in two portions", please explain	1	BY MR. ANDERSON:
2	that diagram.	2	Q. And I've marked these as a document
3	A. So when the remaining part was	3	set which are 7(A) through 7(D).
4	excised in 2015, which was still held by scar	4	Please identify just broadly what we
5	tissue on the left, the urethra was opened up so	5 6	have in 7(A) through (D) and then we'll go to the
6	the pressure on urethra was released. The		4 : 7(A) 1 (D)
			two images, 7(A) and (B).
7	pressure which was caused by the contracted mesh	7	A. These are high-magnification images
8	was released.	7 8	A. These are high-magnification images of the same specimens as we saw before.
8	was released. Q. And are those two excised portions	7 8 9	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these?
8 9 10	was released. Q. And are those two excised portions the ones that you showed the jury just a few	7 8 9 10	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power
8 9 10 11	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago?	7 8 9 10 11	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives.
8 9 10 11 12	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes.	7 8 9 10 11 12	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay.
8 9 10 11 12 13	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those	7 8 9 10 11 12 13	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of
8 9 10 11 12 13 14	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today?	7 8 9 10 11 12 13 14	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March
8 9 10 11 12 13 14	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which	7 8 9 10 11 12 13 14	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015.
8 9 10 11 12 13 14 15	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which were coming out from these two pieces.	7 8 9 10 11 12 13 14 15	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015. Q. Please explain to the jury what
8 9 10 11 12 13 14 15 16	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which were coming out from these two pieces. Q. Okay. You can take that down.	7 8 9 10 11 12 13 14 15 16	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015. Q. Please explain to the jury what we're seeing in images 7(A) and 7(B)?
8 9 10 11 12 13 14 15 16 17	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which were coming out from these two pieces. Q. Okay. You can take that down. A. Yes.	7 8 9 10 11 12 13 14 15 16 17	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015. Q. Please explain to the jury what we're seeing in images 7(A) and 7(B)? A. The images are focusing on one mesh
8 9 10 11 12 13 14 15 16 17 18	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which were coming out from these two pieces. Q. Okay. You can take that down. A. Yes. Q. And let's shift gears now, Doctor,	7 8 9 10 11 12 13 14 15 16 17 18	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015. Q. Please explain to the jury what we're seeing in images 7(A) and 7(B)? A. The images are focusing on one mesh fiber. And as you saw earlier some mesh fibers
8 9 10 11 12 13 14 15 16 17 18	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which were coming out from these two pieces. Q. Okay. You can take that down. A. Yes. Q. And let's shift gears now, Doctor, and discuss something a scientific principle	7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015. Q. Please explain to the jury what we're seeing in images 7(A) and 7(B)? A. The images are focusing on one mesh fiber. And as you saw earlier some mesh fibers are clear, some mesh fibers are blue.
8 9 10 11 12 13 14 15 16 17 18 19 20 21	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which were coming out from these two pieces. Q. Okay. You can take that down. A. Yes. Q. And let's shift gears now, Doctor, and discuss something a scientific principle known as "degradation". Are you familiar with	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015. Q. Please explain to the jury what we're seeing in images 7(A) and 7(B)? A. The images are focusing on one mesh fiber. And as you saw earlier some mesh fibers are clear, some mesh fibers are blue. Q. What's that blue area there?
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which were coming out from these two pieces. Q. Okay. You can take that down. A. Yes. Q. And let's shift gears now, Doctor, and discuss something a scientific principle known as "degradation". Are you familiar with that term?	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015. Q. Please explain to the jury what we're seeing in images 7(A) and 7(B)? A. The images are focusing on one mesh fiber. And as you saw earlier some mesh fibers are clear, some mesh fibers are blue. Q. What's that blue area there? A. This one is blue because, as I said,
8 9 10 11 12 13 14 15 16 17 18 19 20 21	was released. Q. And are those two excised portions the ones that you showed the jury just a few moments ago? A. Yes. Q. And were you able to analyze those and those are the slides that you have here today? A. Yes, you saw all the images which were coming out from these two pieces. Q. Okay. You can take that down. A. Yes. Q. And let's shift gears now, Doctor, and discuss something a scientific principle known as "degradation". Are you familiar with	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. These are high-magnification images of the same specimens as we saw before. Q. Did you make these? A. Yes. I made them using high-power objectives. Q. Okay. A. And this is the same specimen of Ms. Ramirez's TVT-O which was excised in March 2015. Q. Please explain to the jury what we're seeing in images 7(A) and 7(B)? A. The images are focusing on one mesh fiber. And as you saw earlier some mesh fibers are clear, some mesh fibers are blue. Q. What's that blue area there?

21 (Pages 78 to 81)

Page 82 Page 84 1 introduced blue granules into it so it's easier to 1 arrow is? see in the tissue. It's like colored fishing 2 2 A. Because histological dyes can stay 3 3 line. And the dye, which colors it blue, is in inside all these cracks. They can attach inside 4 4 granules. And all those granules are introduced those cavities and cracks and they can stain 5 into polypropylene by Ethicon when the meshes are 5 purple. But the central part, the central core is 6 6 manufactured. solid so histological dyes cannot attach to it 7 7 Q. So just to orient the jury, is this that's why it stays clear. 8 like taking a slice of the fiber? 8 Q. Okay. If you can put that down. 9 A. I brought something to demonstrate 9 Did you do anything else to rule out that this 10 10 how we slice the fibers in a histology section. outer layer of bark is or is not polypropylene? 11 Q. Do you think it would be helpful to 11 A. Well, first of all I looked at the 12 12 granules. You can see the blue granules are in the jury? 13 13 A. It will. polypropylene. And that was intention of Ethicon, 14 Q. And is it significant to your 14 put blue granules to see where polypropylene is. 15 opinions? 15 The same thing happens in the microscope. You see 16 A. Yes, it is. 16 blue granules it's polypropylene. And you see 17 17 Q. Okay. Tell us what you have, blue granules in the purple area and it's also in 18 18 Doctor? the bark which is separated. So you cannot 19 19 explain those blue granules by overlap of this A. If we imagine that a mesh fiber is a 20 20 tree trunk. And we cut mesh fibers the same way layer with the central core. It's separated but 21 as we would cut a tree with a chain saw. But if 21 still has the blue granules. 22 22 we take a slice, like a slice of bread but we take Q. Did you use any other type of 23 slice it with chain saw we would produce something 23 pathological technique in order to rule out 24 like, a slice of tree trunk. That's exactly what 24 whether there is polypropylene? Page 83 Page 85 1 1 happens in the images. A. I used polarized light, as I 2 Q. So explain how that relates to the 2 mentioned earlier. 3 3 Q. Explain to the jury briefly what images please? 4 A. Now, when the tree grows there is 4 polarized light is. 5 5 A. Polarized light is a neat technique central core of the tree trunk, but then the 6 б exposed surface changes because it is exposed to which was developed a hundred years ago to see 7 7 environment. The trees grow bark, so this is the foreign bodies in the tissue. Polarizing filters 8 8 bark of the tree. It's the same wood but it's are like polarized sun glasses, there are fine 9 9 changing, it's adapting to whatever is outside. slits in them so they limit the amount of light to 10 10 There are some cracks and crevices and some specific orientation. 11 11 cavities in the bark, the same wood but looks Q. Did you take pictures in polarized 12 slightly different. It can peel off as well. The 12 light of the same mesh fiber that you showed us 13 same happens in the body with polypropylene 13 earlier? 14 14 A. Yes, I did. 15 15 Q. Showing you Exhibits 7(C) and (D). Q. And what is that cracked -- that 16 16 What are we seeing in these images? outer layer that we're looking at there? In the 17 bottom end it says "degradation layer". Explain 17 A. These are exactly the same areas in 18 that and these arrows at the bottom please. 18 the microscopic slides of Ms. Ramirez's specimen. 19 19 A. So the central core, like core of I just turned the polarizing filters in the 20 20 the tree trunk is not degraded, it's not bark yet. microscope and took photograph. And you can see 21 21 But the outer layer of polypropylene degrades, in polarized light both the nondegraded part and 22 22 it's like bark on the tree. And because it has the degraded bark are bright compared with the 23 23 all these cavities it can be stained. collagen in all other proteins of the body which 24 24 Q. Why is it purple there were the are much darker in the body.

22 (Pages 82 to 85)

Page 86 Page 88 1 Q. Is there a name for that? You said 1 A. Yes, I can do it. 2 "brightness", is there a scientific name for that? 2 Q. Okay, let's do that. 3 A. The scientific name for that is 3 A. This is how it looks from the 4 4 "birefringence". microscope. I will focus. This is H&E stained 5 5 Q. Let's just stick with brightness slide of Ms. Ramirez's specimen which was taken in 6 6 March 2015. This pink color is scar tissue, and then. 7 7 this blue part, partially folded and displaced, A. Brightness, okay. 8 Q. Go ahead. 8 the central core of the mesh fiber. Because when 9 9 the knife of microtome slices it to make the A. And you can see that the bark, you 10 10 can even easier the cracks in the bark. It's slices it pushes them away, pushes the central 11 peeling off and it's cracking. And it's the same 11 part of the fibers away so they get displaced. 12 12 Q. Okay. Now let's see what it looks polypropylene because it's bright, birefringent. 13 13 like using the polarizing filters if you would It has the same blue granules as the core and it's 14 14 very different from all proteins which are please? 15 15 surrounding the mesh fibers. A. Now I will take the polarizing 16 MR. HUTCHINSON: Move to strike as 16 filter and I will turn it inside the microscope. 17 nonresponsive. 17 And when I turn it you can see that the bright 18 18 BY MR. ANDERSON: parts are polypropylene. And the central core, 19 19 which is displaced, is bright here, and the bark, Q. Doctor, before we were talking about 20 20 the birefringence or the brightness of the outer because it has all these cracks, is attached to 21 21 the tissue. Collagen anchors to it and holds it layer. 22 22 A. Yes. in the tissue and it stays close to the tissue, 23 Q. Can you explain what the 23 and you can see the cracks of the degradation 24 24 significance is of this brightness and this outer bark. But you can see how dark are the proteins. Page 87 Page 89 1 1 layer displayed in 7(D) where the arrows are? All proteins of the human body are dark. The only 2 A. The significance is that the bright 2 bright part or birefringent parts are 3 3 parts in the image indicate polypropylene. Both polypropylene. 4 4 the nondegraded core of the fiber is bright and Q. Okay. You can take that down. 5 5 the bark is bright and both are made of Is there a body of scientific literature 6 6 polypropylene. The only difference is the bark is that's been published about polypropylene 7 7 degraded polypropylene and the central part is degradation, including polypropylene sutures? 8 8 nondegraded. A. Yes. 9 9 Q. Doctor, have you reviewed the Q. Have you reviewed medical literature 10 10 scientific literature regarding the degradation of from other doctors, pathologists, scientists and 11 polypropylene in human beings? 11 biomaterials experts who have published 12 A. Yes, I did. 12 peer-reviewed literature on the subject of 13 Q. And have you published in the 13 polypropylene degradation in the human body? 14 14 literature, scientific literature amongst your A. Yes, I have. 15 15 Q. Have you reviewed as much of this peers about the degradation of polypropylene in 16 16 published literature about degradation of the human body? 17 A. Yes. 17 polypropylene mesh as possible? 18 Q. Is -- have you used the microscope 18 A. I try to review everything I could 19 19 find in publically available sources. in order to come up with these images that we just 20 20 Q. Rather than go through them all have saw? 21 21 you helped me prepare some slides of the studies 22 Q. Can you just take one of the -- one 22 that you find particularly relevant to your 23 of the images and put it on there and let's take a 23 opinions regarding degradation of transvaginal look and see what's that's like for the jury? 24 24 meshes?

23 (Pages 86 to 89)

	Page 90		Page 92
1	A. Yes, I did.	1	A. It was published in 2003.
2	Q. Before we get into those slides,	2	Q. Who is the lead author?
3	Doctor, I'm handing you what has been marked as	3	A. The lead author is Coda.
4	plaintiff's Exhibit 8.	4	Q. And is this article peer reviewed?
5	PLAINTIFF EXHIBIT NO. 8: Article	5	A. Yes, it is.
6	titled "Comparison of the In Vivo	6	Q. Did you review and read this article
7	Behavior of Polyvinylidene Fluoride and	7	in forming the opinions you're giving here today?
8	Polypropylene Sutures Used in Vascular	8	A. Yes, I did.
9	Surgery", found in OSAIO Journal 1998.	9	Q. Is this a recognized and reliable
10	Bates labelled ETH.MESH.05845592 to	10	publication for doctors in your field?
11	ETH.MESH05845599.	11	A. Yes, it is.
12	BY MR. ANDERSON:	12	Q. Do experts in your field customarily
13		13	rely on this type of journal in forming medical
14	Q. Can you tell us what this is?A. This is an article.	14	and scientific opinions?
		15	A. Yes, they do.
15	Q. From what journal?A. Published from ASAIO Journal.	16	Q. Did they rely on it in forming your
16 17		17	
18	Q. Okay. And what year was it	18	opinions that you're giving here today?
19	published?	19	A. Yes, I did.
	A. It was published in 1998.	1	Q. And now I'll hand you plaintiff's
20	Q. Who is the lead author?	20	Exhibit 10.
21	A. The lead author is Celine Mary.	21	PLAINTIFF EXHIBIT NO. 10: Article
22	Q. And was this article peer reviewed?	22	titled "Materials Characterization of
23	A. Yes, it is peer reviewed.	23	Explanted Polypropylene Hernia Meshes"
24	Q. Did you read and review this article	24	found in the Journal of Biomedical
	Page 91		Page 93
1	in forming the opinions that you're giving here	1	Materials Research Part B: Applied
2	today?		
		2	Biomaterials.
3	A. Yes, I did.	3	BY MR. ANDERSON:
	Q. Is this a recognized and reliable	1	BY MR. ANDERSON: Q. Was this published?
3	Q. Is this a recognized and reliable publications for doctors in your field?	3 4 5	BY MR. ANDERSON: Q. Was this published? A. It was published in
3 4	Q. Is this a recognized and reliable publications for doctors in your field?A. Yes, it is.	3 4	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published?
3 4 5	Q. Is this a recognized and reliable publications for doctors in your field?	3 4 5	BY MR. ANDERSON: Q. Was this published? A. It was published in
3 4 5 6	 Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical 	3 4 5 6	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal?
3 4 5 6 7	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions?	3 4 5 6 7 8 9	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published.
3 4 5 6 7 8	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do.	3 4 5 6 7 8 9	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials.
3 4 5 6 7 8 9 10	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming	3 4 5 6 7 8 9 10	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year?
3 4 5 6 7 8 9 10 11	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today?	3 4 5 6 7 8 9 10 11	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007.
3 4 5 6 7 8 9 10 11 12 13	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did.	3 4 5 6 7 8 9 10 11 12 13	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed?
3 4 5 6 7 8 9 10 11 12 13 14	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as	3 4 5 6 7 8 9 10 11 12 13	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is.
3 4 5 6 7 8 9 10 11 12 13 14 15	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9.	3 4 5 6 7 8 9 10 11 12 13 14	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author?
3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9. PLAINTIFF EXHIBIT NO. 9: Article	3 4 5 6 7 8 9 10 11 12 13 14 15	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author? A. Lead author is Costello.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9. PLAINTIFF EXHIBIT NO. 9: Article titled "Structural alterations of	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author? A. Lead author is Costello. Q. Did you read and review this article
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9. PLAINTIFF EXHIBIT NO. 9: Article titled "Structural alterations of prosthetic meshes in humans" found in	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author? A. Lead author is Costello. Q. Did you read and review this article in forming the opinions that you're giving here
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9. PLAINTIFF EXHIBIT NO. 9: Article titled "Structural alterations of prosthetic meshes in humans" found in Hernia Journal, 2003.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author? A. Lead author is Costello. Q. Did you read and review this article in forming the opinions that you're giving here today?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9. PLAINTIFF EXHIBIT NO. 9: Article titled "Structural alterations of prosthetic meshes in humans" found in Hernia Journal, 2003. BY MR. ANDERSON:	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author? A. Lead author is Costello. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9PLAINTIFF EXHIBIT NO. 9: Article titled "Structural alterations of prosthetic meshes in humans" found in Hernia Journal, 2003. BY MR. ANDERSON: Q. Can you please identify the journal	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author? A. Lead author is Costello. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did. Q. Is this a recognized and reliable
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9PLAINTIFF EXHIBIT NO. 9: Article titled "Structural alterations of prosthetic meshes in humans" found in Hernia Journal, 2003. BY MR. ANDERSON: Q. Can you please identify the journal from which plaintiff's Exhibit 9 comes?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author? A. Lead author is Costello. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Is this a recognized and reliable publications for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. And did you rely on it in forming the opinions that you're giving here today? A. Yes, I did. Q. Showing you what we'll mark as plaintiff's Exhibit 9PLAINTIFF EXHIBIT NO. 9: Article titled "Structural alterations of prosthetic meshes in humans" found in Hernia Journal, 2003. BY MR. ANDERSON: Q. Can you please identify the journal	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. ANDERSON: Q. Was this published? A. It was published in Q. Was it published? A. It was published. Q. In what journal? A. Journal of Biomedical Materials Research Part B: Applied Biomaterials. Q. What year? A. It was published in 2007. Q. Was this article peer reviewed? A. Yes, it is. Q. Who's the lead author? A. Lead author is Costello. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did. Q. Is this a recognized and reliable

24 (Pages 90 to 93)

	Page 94		Page 96
1	rely on this type of journal in forming medical	1	Hernia Repair: A Comprehensive Analysis
2	and scientific opinions?	2	of Select Commercial Devices", found in
3	A. Yes, they do.	3	MDPI Materials, 2015.
4	Q. Did you rely on it in forming the	4	BY MR. ANDERSON:
5	opinions you're giving here today?	5	Q. Was Exhibit 12 published?
6	A. Yes I did.	6	A. Yes, it was.
7	Q. Showing you what's been marked as	7	Q. In what journal?
8	plaintiff's Exhibit 11.	8	A. MDPI Materials.
9	PLAINTIFF EXHIBIT NO. 11: Article	9	Q. And what year was it published?
10	titled "Materials characterization of	10	A. It was published in 2015.
11	explanted polypropylene, polyethylene	11	Q. What is the lead author?
12	terephthalate, and expanded	12	A. Lead author is Miao.
13	polytetrafluoroethylene composites:	13	Q. And was this article peer reviewed?
14	Spectral and thermal analysis", found	14	A. It was.
15	in Journal of Biomedical Materials	15	Q. Did you review and read this article
16	Research Part B: Applied Biomaterials.	16	in forming the opinions that you're giving here
17	BY MR. ANDERSON:	17	today?
18	Q. Was this article published?	18	A. Yes, I did.
19	A. Yes, it was.	19	Q. Is this a recognized and reliable
20	Q. And what journal was it published	20	publication for doctors in your field?
21	in?	21	A. Yes, it is.
22	A. Journal of Biomedical Materials and	22	•
23		23	Q. Do experts in your field customarily
24	Research B: Applied Biomaterials.	24	rely on this type of journal in forming medical and scientific opinions?
24	Q. What year was it published?	24	•
	Page 95		Page 97
1	A It was published in 2010		
	A. It was published in 2010.	1	A. Yes, they do.
2	Q. Who is the lead author?	2	Q. Did you rely on it in forming the
2 3	Q. Who is the lead author?A. Lead author is Cozad.	2	Q. Did you rely on it in forming the opinions you are giving here today?
2 3 4	Q. Who is the lead author?A. Lead author is Cozad.Q. Is this article peer reviewed?	2 3 4	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did.
2 3 4 5	Q. Who is the lead author?A. Lead author is Cozad.Q. Is this article peer reviewed?A. Yes, it is.	2 3 4 5	Q. Did you rely on it in forming the opinions you are giving here today?A. Yes, I did.Q. Showing you what's been marked as
2 3 4 5 6	Q. Who is the lead author?A. Lead author is Cozad.Q. Is this article peer reviewed?A. Yes, it is.Q. Did you read and review this article	2 3 4 5 6	 Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13.
2 3 4 5 6 7	 Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here 	2 3 4 5 6 7	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article
2 3 4 5 6 7 8	 Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? 	2 3 4 5 6 7 8	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in
2 3 4 5 6 7 8	 Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. 	2 3 4 5 6 7 8	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in
2 3 4 5 6 7 8 9	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable	2 3 4 5 6 7 8 9	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986.
2 3 4 5 6 7 8 9 10	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field?	2 3 4 5 6 7 8 9 10	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON:
2 3 4 5 6 7 8 9 10 11	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is.	2 3 4 5 6 7 8 9 10 11	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this
2 3 4 5 6 7 8 9 10 11 12 13	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily	2 3 4 5 6 7 8 9 10 11 12 13	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published?
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions?	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal? A. Documenta Ophthalmologica.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal? A. Documenta Ophthalmologica. Q. And who is the lead author?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you are giving here today?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal? A. Documenta Ophthalmologica. Q. And who is the lead author? A. Lead author is Jogenbloed.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I do.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal? A. Documenta Ophthalmologica. Q. And who is the lead author? A. Lead author is Jogenbloed. Q. And what year was it published?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I do. Q. Marking plaintiff's Exhibit 12 for	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal? A. Documenta Ophthalmologica. Q. And who is the lead author? A. Lead author is Jogenbloed. Q. And what year was it published? A. 1986.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I do. Q. Marking plaintiff's Exhibit 12 for identification.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal? A. Documenta Ophthalmologica. Q. And who is the lead author? A. Lead author is Jogenbloed. Q. And what year was it published? A. 1986. Q. And is this article peer reviewed?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I do. Q. Marking plaintiff's Exhibit 12 for identificationPLAINTIFF EXHIBIT NO. 12: Article	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal? A. Documenta Ophthalmologica. Q. And who is the lead author? A. Lead author is Jogenbloed. Q. And what year was it published? A. 1986. Q. And is this article peer reviewed? A. Yes, it is.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Who is the lead author? A. Lead author is Cozad. Q. Is this article peer reviewed? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you are giving here today? A. Yes, I did. Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I do. Q. Marking plaintiff's Exhibit 12 for identification.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Did you rely on it in forming the opinions you are giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 13. PLAINTIFF EXHIBIT NO. 13: Article titled "Degradation of polypropylene in the human eye: A sem-study", found in Documenta Ophthalmologica, 1986. BY MR. ANDERSON: Q. Can you please identify whether this article was published? A. It was published. Q. In what journal? A. Documenta Ophthalmologica. Q. And who is the lead author? A. Lead author is Jogenbloed. Q. And what year was it published? A. 1986. Q. And is this article peer reviewed?

25 (Pages 94 to 97)

	Page 98		Page 100
1	today?	1	opinions that you are giving here today?
2	A. Yes, I did.	2	A. Yes, I did.
3	Q. Is this a recognized and reliable	3	Q. Showing you what has been marked as
4	publication for doctors in your field?	4	plaintiff's Exhibit 15.
5	A. Yes, it is.	5	PLAINTIFF EXHIBIT NO. 15: Article
6	Q. Do experts in your field customarily	6	titled "Subcutaneous Implants of
7	rely on this type of journal in forming medical	7	Polypropylene Filaments", found in the
8	and scientific opinions?	8	Journal of Biomedical Material
9	A. Yes, they do.	9	Research, 1976.
10	Q. Did you rely on it in forming the	10	BY MR. ANDERSON:
11	opinions you are giving here today?	11	Q. Was this article published?
12	A. Yes, I did.	12	A. Yes, it was.
13	Q. Showing you what has been marked as	13	Q. And what article I'm sorry, what
14	Exhibit 14.	14	journal was it published in?
15	PLAINTIFF EXHIBIT NO. 14: Article	15	A. Journal of Biomedical Material
16	titled "Reinforcement Materials in Soft	16	Research.
17	Tissue Repair: Key Parameters	17	Q. What year was it published?
18	Controlling Tolerance and Performance -	18	A. 1976.
19	Current and Future Trends in Mesh	19	Q. And who is the lead author in this
20	Development", found in the journal New	20	publication?
21	Techniques in Genital Prolapse Surgery,	21	A. Leibert.
22	2011.	22	Q. Is this article peer reviewed?
23	BY MR. ANDERSON:	23	A. Yes, it is.
24	Q. Was this article published?	24	Q. Did you read and review this article
	Page 99		Page 101
1	A. It was.	1	in forming the opinions that you're giving here
2	Q. And in what journal was it	2	today?
3	published? Bottom of the page.	3	A. Yes, I did.
4	A. New Techniques in Genital Prolapse	4	Q. Is this a recognized and reliable
5	Surgery.	5	publication for doctors in your field?
6	Q. What year was it published?	6	A. Yes, it is.
7	A. It was published in 2011.	7	Q. Do experts in your field customarily
8	Q. And who is the lead author of this	8	rely on this type of journal in forming medical
9	DIDIICATION IN EXHIBIT 147	19	· · · · · · · · · · · · · · · · · · ·
9	publication in Exhibit 14? A. Lefranc	9	and scientific opinions?
10	A. Lefranc.	10	and scientific opinions? A. Yes, they do.
10 11	A. Lefranc.Q. And is this article peer reviewed?	10 11	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the
10 11 12	A. Lefranc.Q. And is this article peer reviewed?A. Yes, it is.	10 11 12	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today?
10 11 12 13	A. Lefranc.Q. And is this article peer reviewed?A. Yes, it is.Q. Is this a recognized and reliable	10 11 12 13	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did.
10 11 12 13 14	A. Lefranc.Q. And is this article peer reviewed?A. Yes, it is.Q. Is this a recognized and reliable publication for doctors in the field?	10 11 12 13 14	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as
10 11 12 13 14 15	 A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. 	10 11 12 13 14 15	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16.
10 11 12 13 14 15	 A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. Q. Did you read and review this article 	10 11 12 13 14 15 16	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16. PLAINTIFF EXHIBIT NO. 16: Article
10 11 12 13 14 15 16	 A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you're giving here 	10 11 12 13 14 15 16 17	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16. PLAINTIFF EXHIBIT NO. 16: Article titled "Degradation, infection and heat
10 11 12 13 14 15 16 17	A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you're giving here today?	10 11 12 13 14 15 16 17	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16. PLAINTIFF EXHIBIT NO. 16: Article titled "Degradation, infection and heat effects on polypropylene mesh for
10 11 12 13 14 15 16 17 18	A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did.	10 11 12 13 14 15 16 17 18	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16PLAINTIFF EXHIBIT NO. 16: Article titled "Degradation, infection and heat effects on polypropylene mesh for pelvic implantation: what was known and
10 11 12 13 14 15 16 17 18 19 20	A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did. Q. Do experts in your field customarily	10 11 12 13 14 15 16 17 18 19 20	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16. PLAINTIFF EXHIBIT NO. 16: Article titled "Degradation, infection and heat effects on polypropylene mesh for pelvic implantation: what was known and when it was known", found in the
10 11 12 13 14 15 16 17 18 19 20 21	A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did. Q. Do experts in your field customarily rely on this type of journal in forming medical	10 11 12 13 14 15 16 17 18	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16. PLAINTIFF EXHIBIT NO. 16: Article titled "Degradation, infection and heat effects on polypropylene mesh for pelvic implantation: what was known and when it was known", found in the International Urogynecology Journal,
10 11 12 13 14 15 16 17 18 19 20 21 22	A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did. Q. Do experts in your field customarily rely on this type of journal in forming medical and scientific opinions?	10 11 12 13 14 15 16 17 18 19 20 21	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16PLAINTIFF EXHIBIT NO. 16: Article titled "Degradation, infection and heat effects on polypropylene mesh for pelvic implantation: what was known and when it was known", found in the International Urogynecology Journal, 2011.
10 11 12 13 14 15 16 17 18 19 20 21	A. Lefranc. Q. And is this article peer reviewed? A. Yes, it is. Q. Is this a recognized and reliable publication for doctors in the field? A. Yes, it is. Q. Did you read and review this article in forming the opinions that you're giving here today? A. Yes, I did. Q. Do experts in your field customarily rely on this type of journal in forming medical	10 11 12 13 14 15 16 17 18 19 20 21 22	and scientific opinions? A. Yes, they do. Q. Did you rely on it in forming the opinions you're giving here today? A. Yes, I did. Q. Showing you what's been marked as plaintiff's Exhibit 16. PLAINTIFF EXHIBIT NO. 16: Article titled "Degradation, infection and heat effects on polypropylene mesh for pelvic implantation: what was known and when it was known", found in the International Urogynecology Journal,

26 (Pages 98 to 101)

	Page 102		Page 104
1	A. Yes, It was.	1	publication for doctors in your field?
2	Q. In what journal?	2	A. Yes, it is.
3	A. International Urogynecology Journal.	3	Q. Do expert in your field customarily
4	O. And who is the lead author?	4	rely on this type of journal in forming medical
5	A. Ostergard.	5	and scientific opinions?
6	Q. Was this peer reviewed?	6	A. Yes, they do.
7	A. It was.	7	Q. Did you rely on it in forming the
8	Q. Have you read and reviewed this	8	opinions you are giving here today?
9	article in forming the opinions that you're giving	9	A. Yes, I did.
10	here today?	10	Q. I'm showing you what's been marked
11	A. Yes, I did.	11	as plaintiff's Exhibit 18.
12	Q. Is this a recognized and reliable	12	PLAINTIFF EXHIBIT NO. 18: Article
13	publication for doctors in your field?	13	titled "Materials characterization and
14	A. Yes, it is.	14	histological analysis of explanted
15	Q. Do experts in your field customarily	15	polypropylene, PTFE, and PET hernia
16	rely on this type of journal in forming medical	16	meshes from an individual patient",
17	and scientific opinions?	17	found in the Journal of Material
18	A. Yes, they do.	18	Medicine, 2013.
19	Q. Did you rely on it in forming the	19	BY MR. ANDERSON:
20	opinions that you are giving here today?	20	Q. Was this article published?
21	A. Yes, I did.	21	A. Yes, it was.
22	Q. Just a few more here, Doctor. I'm	22	Q. What journal was it published in?
23	showing you what has been marked as Exhibit 17.	23	A. Journal of Material Science,
24	PLAINTIFF EXHIBIT NO. 17: Article	24	Material Medicine.
	Page 103		Page 105
1	titled "Post-Implantation alterations	1	Q. Was it published what year was it
2	of Polypropylene in the Human", found	2	published?
3	in The Journal of Urology, 2012.	3	A. 2013.
4	BY MR. ANDERSON:	4	Q. Who is the lead author?
5	Q. Was this article published?	5	A. Wood.
6	A. Yes, it was.	6	Q. Is this article peer reviewed?
7	Q. And what journal was this article	7	A. Yes, it is.
8	published in?	8	Q. Did you read and review this article
9	A. The Journal of Urology.	9	in forming the opinions that you are giving here
10	Q. And what year was it published?	10	today?
11	A. It was published in 2012.	11	A. Yes, I did.
12	Q. Who is the lead author on this	12	Q. Is this a recognized and reliable
13	publication?	13	publication for doctors in your field?
14	A. Sternschuss.	14	A. Yes, it is.
15	Q. Was this published in a	15	Q. Do experts in your field customarily
16	peer-reviewed journal?	16	rely on this type of journal in forming medical
17	A. Yes, it was.	17	and scientific opinions?
18	Q. Was this article peer reviewed?	18	A. Yes, they do.
19	A. Yes, it was.	19	Q. Did you rely on it in forming the
20	Q. Did you read and review this article	20	opinions you are giving here today?
21	in forming the opinions that you are giving here	21	A. Yes, I did.
	today?	22	Q. I'm showing you what has been marked
22			
23	A. Yes, I did.	23	as Exhibit 19.

27 (Pages 102 to 105)

	Page 106		Page 108
1	titled "Pathology of Explanted	1	A. It's Biomedical Materials Part B.
2	Transvaginal Meshes", found in World	2	Q. Journal of Biomaterials Part B?
3	Academy of Science, Engineering and	3	A. Yes. Journal of Biomaterials Part
4	Technology International Journal of	4	B.
5	Medical, Health, Pharmaceutical and	5	Q. Who's the lead author on this?
6	Biomedical Engineering, 2014.	6	A. Me.
7	BY MR. ANDERSON:	7	Q. And when was it published?
8	Q. Do you recognize this article?	8	A. It was published in 2015.
9	A. Yes, I do.	9	Q. Okay. Was it peer reviewed?
10	Q. And was it published?	10	A. It was.
11	A. It was.	11	Q. Did you rely upon this in forming
12	Q. And in what journal was it	12	the opinions that you're giving here today?
13	published?	13	A. Yes, I did.
14	A. World Academy of Science,	14	Q. Is it a recognized and reliable
15	Engineering and Technology International Journal	15	publication for doctors in your field?
16	of Medical, Health, Pharmaceutical and Biomedical	16	A. Yes, it is.
17	Engineering.	17	Q. Do experts in your field customarily
18	Q. And who is the lead author?	18	rely on this type of journal in forming medical
19	A. Me.	19	and scientific opinions?
20	Q. And was this peer reviewed?	20	A. Yes, they do.
21	A. Yes, it was.	21	Q. Did you rely on it in forming the
22	Q. And did you read and review well,	22	opinions that you're giving here today?
23	are you using this article to form the opinions	23	A. Yes, I did.
24	that you are giving here today?	24	Q. Doctor, after looking at all of
	Page 107		Page 109
1	A. Yes, I am.	1	these and identifying the record, please tell us
2	Q. Is this a recognized and reliable	2	what was significant about all of these articles
3	publication for doctors in your field?	3	taken as a whole to the opinions you're expressing
4	A. Yes, it is.	4	here today?
5	Q. Do experts in your field customarily	5	MR. HUTCHINSON: Objection.
6	rely on this type of journal in forming medical	6	THE DEPONENT: All these articles they
7	and scientific opinions?	7	show that for decades researchers continue to
8	A. Yes, they do.	8	study polypropylene degradation in the body using
9	Q. Did you rely on it in forming the	9	different methods starting from 1970's. And their
10	opinions you're giving here today?	10	conclusion was always the same, polypropylene
11	A. Yes, I did.	11	degrades in the body.
12	Q. Last but not least, I'm showing you	12	BY MR. ANDERSON:
13	plaintiff's Exhibit 20.	13	Q. Doctor, have you assisted me in
14	PLAINTIFF EXHIBIT NO. 20: Article	14	making some slides to demonstrate some of the
15	titled, "Degradation of polypropylene	15	findings in this literature regarding
16	in vivo: A microscopic analysis of	16	polypropylene degradation?
17	meshes explanted from patients", found	17	A. Yes, I did.
18	in the Journal of Biomedical Materials	18	Q. Okay. And do you think that would
	Part B, 2015.	19	be helpful to the jury in this case?
19		1 - 7	
19		20	A It would
20	BY MR. ANDERSON:	20	A. It would. O. Is it significant to your opinions?
20 21	BY MR. ANDERSON: Q. Was this article published?	21	Q. Is it significant to your opinions?
20 21 22	BY MR. ANDERSON: Q. Was this article published? A. It was.	21 22	Q. Is it significant to your opinions?A. It is.
20 21	BY MR. ANDERSON: Q. Was this article published?	21	Q. Is it significant to your opinions?

28 (Pages 106 to 109)

Page 110 Page 112 1 ---PLAINTIFF EXHIBIT NO. 21: Printout 1 them showed the same conclusion that polypropylene 2 2 degrades in the body. of PowerPoint slides created with the 3 3 assistance of Dr. Iakovlev for Q. From your review of them can you 4 tell whether or not these are different scientists 4 presentation to the jury. 5 5 BY MR. ANDERSON: from different specialties? 6 6 A. Yes. I can see their affiliations, Q. Exhibit 21 is a PowerPoint slide. 7 7 Is this is the presentation that you helped me what they are. Surgeons, bioengineers. I'm a 8 create for the jury? 8 pathologists. Other pathologists were involved. 9 A. Yes, it is. 9 Q. Okay. Next slide. 10 10 Q. And if we could pull up the first A. And doesn't matter where 11 slide. What is this -- please identify this first 11 polypropylene is implanted. In the eye, we saw 12 12 slide and tell us whether or not it's significant that some ophthalmological journals were published 13 to your opinions? 13 in. In animals or in humans it still degrades 14 while it's in the body. Doesn't matter what part 14 A. Well, these are headings of some of 15 15 the articles we just went through. It shows the of the body, it degrades. 16 range of the techniques and repeated conclusions 16 Q. Okay. Next slide. 17 17 over the last 50 years. A. Next slide. And this is the list of 18 18 authors, I mean, this is part of the people who Q. Okay. 19 19 made the conclusion that polypropylene degrades in A. Next slide please. 20 20 Q. Why is this slide significant to the body. And some of them are Ph.D. scientists, 21 your opinions? 21 some of them are medical doctors, some of them are 22 22 A. This slide shows one of the first surgeons, some of them are pathologists like me 23 publications showing that polypropylene degrades 23 and some of them are gynecologists. 24 while implanted in the body. It dates to 1976. 24 Q. Did you try and compile the entire Page 111 Page 113 list of all the scientist and doctors over the 1 And the conclusion was: 1 2 "Analysis shows that degradation 2 last 40 or 50 years who have published on this? 3 3 begins to occur after only a few days. A. No, this is just one group. 4 4 Although the reaction sequence is not Q. Okay. Next slide. Why do we have 5 5 known several factors suggest that the this slide, Doctor? 6 6 in vivo degradation process is similar A. This is one of the papers, and this 7 7 to auto-oxidation which occurs in air is example of the conclusions we see in these 8 8 or oxygen." papers. In this specific study the authors 9 9 And that was in 1976. compared three different mesh materials which were 10 10 Q. Okay. Next slide. Let's go back explanted from the same patient and they did 11 just one second. We've heard this word "in vivo" 11 side-by-side comparison. "Polypropylene mesh 12 a couple of times, and the jury has probably heard 12 demonstrated chemical degradation via oxidation, 13 it by this time, but what does "in vivo" mean, 13 permanent distortion of the mesh and changes in 14 Doctor? 14 thermal properties." 15 15 Q. Why is that important, Doctor? A. In vivo means in the body. It can 16 16 A. It supports all other papers, all be any body, human body, animal body. In a live 17 17 other articles, all other studies and my 18 Q. Okay, next slide please. What is 18 publications as well. All of those studies they 19 19 this slide please, Doctor? make the same conclusion. 20 20 Q. Next slide please. Why is this A. This slide shows a list of the 21 21 articles we just went through. It shows that slide significant to your opinions, Doctor? 22 22 there is a range of different journals, people A. This is another example of the 23 from different countries and continents, different 23 conclusion. Another paper, another group of 24 scientists. "Overall the results support our 24 dates, 1986, 2011, 2014, 2003, '98. And all of

29 (Pages 110 to 113)

Page 114 Page 116 1 hypothesis that oxidation is involved with the 1 BY MR. ANDERSON: 2 degradation of polypropylene hernia mesh 2 Q. Doctor, do you have an opinion as to 3 materials." 3 whether or not the mesh that is still in her body 4 4 Q. You mentioned your publications. is still degrading? 5 Next slide please. One question, Doctor, you 5 A. Yes, I do. 6 6 mention in the last article that that was a hernia Q. And what is that opinion? 7 7 A. My opinion is that those parts which mesh? 8 A. Yes, it was. 8 are left in the body of Ms. Ramirez are still 9 Q. From your review of the records, 9 degrading. 10 10 your publications, your review of all of the Q. Doctor, based upon all of the work 11 scientific journals, your presentation at 11 that you've done and your publications, and your 12 12 conferences with other scientists and doctors, as review of all the explanted meshes, do you have an 13 13 opinion, to a reasonable degree of medical well as your examination of over 300 explanted 14 14 certainty, as to what complications degraded mesh meshes, have you noticed any difference or 15 15 similarities between explanted hernia causes in vaginal tissue? 16 polypropylene meshes versus explanted transvaginal 16 A. So the degradation occurs on all 17 17 meshes? surfaces of the mesh fibers. The entire mesh has 18 18 surface which is covered with degraded A. In terms of degradation? 19 19 polypropylene. All interactions between the body Q. Yes. 20 20 A. All of them degrade. and mesh occur through this degraded layer. From 21 Q. Thank you. Now this slide. 21 day one after implantation the interactions 22 22 A. These are my publications where I between the body and the mesh is not through 23 describe polypropylene degradation which occurs in 23 pristine polypropylene, it's always going through 24 vivo, and that's what happened in Ms. Ramirez's 24 this degraded layer. Page 115 Page 117 1 body. 1 Q. What's the significance of that? 2 Q. Okay, you can take that down. 2 MR. HUTCHINSON: Objection. Move to 3 3 Doctor, based upon your background, strike as nonresponsive. 4 training, experience, based upon your work as a 4 BY MR. ANDERSON: 5 pathologist over these many years, based upon your 5 Q. Go ahead. 6 review of over 300 explanted, polypropylene meshes 6 A. So all what we see, what happens 7 and over -- over 200 transvaginal meshes, 7 after, is mediated through this degraded layer. 8 8 including Ethicon meshes, based upon your Q. What do you mean by "mediated" 9 9 publications in the literature, your review of all through the degraded layer? 10 10 the publications in the literature, as well as all A. Because all interactions, the 11 of the work that you've done in this case, do you 11 sensing of the foreign body, the chemical 12 have an opinion to a reasonable degree of medical 12 interactions, the physical interactions are all 13 certainty as to whether or not the TVT-O mesh that 13 through this degraded surface. The surface 14 was implanted in Ms. Ramirez degraded? 14 becomes brittle, we saw cracking. So the entire 15 15 A. Yes, I do. surface, the entire mesh is covered with this 16 16 Q. And what is that opinion? crust of brittle, hardened material. 17 A. My opinion is that TVT-O mesh made 17 Q. And what physical changes have you 18 out of polypropylene degraded while in the body of 18 noted in the brittle, explanted transvaginal 19 19 Ms. Ramirez and is still degrading. The remaining meshes? 20 20 parts which remain in her body are still A. It leads to hardening, stiffening, 21 21 degrading. embrittlement of the mesh. 22 MR. HUTCHINSON: Objection. Move to 22 Q. In your opinion what does that mean 23 strike as nonresponsive. 23 to the patient if there's a hardened and brittle, 24 24 stiffened mesh in the transvaginal tissues?

30 (Pages 114 to 117)

Page 118 Page 120 1 A. So it doesn't stay soft and flexible 1 A. Well, first of all I showed you the 2 it becomes harder, it becomes stiffer. 2 features I saw in the microscope. 3 Q. And what does the stiffness mean to 3 Q. Okay. 4 4 the patient? A. The blue granules, the behavior of 5 A. It damages the tissue around it. It 5 the material in polarized light. This was all 6 6 can damage it easier because it's much stiffer consistent with the earlier published body of the 7 7 literature that polypropylene degrades in vivo. than the tissue around it. 8 Q. And back to my earlier question. Do 8 Then I also observed several other features in my 9 you have an opinion as to whether or not this 9 research. 10 10 stiffness, and this rigidity, and this degradation O. What was that? 11 in Ms. Ramirez's TVT-O sling caused any of her 11 A. The first feature I observed that 12 injuries in this case? 12 the outer layer can be stained with different 13 MR. HUTCHINSON: Objection, foundation. 13 histological dyes. 14 THE DEPONENT: Yes, I do. 14 Q. What do you mean by that? 15 15 BY MR. ANDERSON: A. Any dye I would use or any stain 16 Q. And what injuries do you believe, to 16 would stain it. It can be red, it can be blue, it 17 17 a reasonable degree of medical certainty the can be green. There is no difference. If it's 18 degradation caused for Ms. Ramirez? 18 positively charged dye, negatively charged dye, 19 19 A. Well, as I said, all interactions larger molecule size, small, it all stains. It 20 between the body and the mesh are going through 20 stages nonspecifically. 21 this degraded layer. 21 Q. What do you mean by these stains 22 22 Q. What specific complications as it stain the bark layer nonspecifically? 23 went through that layer did the degraded mesh 23 A. It means that the staining is not 24 cause or contribute to for Ms. Ramirez? 24 due to specific electrostatic forces or some other Page 119 Page 121 1 MR. HUTCHINSON: Same objection, 1 specific forces. There is a nonspecific staining 2 foundation. 2 because of the porosity, because of the cavities 3 3 THE DEPONENT: Pain, pain on sexual in the bark layer. However, several stains do not 4 4 intercourse, urinary symptoms. stain it. 5 5 Q. What do you mean by that? BY MR. ANDERSON: 6 Q. Do you have an opinion as to whether 6 A. And those stains are specifically 7 7 or not what you have depicted in some of these designed to stain proteins. And those stains 8 8 images as degraded polypropylene, this cracked which you saw brown stains they did not stain it. 9 9 outer layer or this bark that you described for There is no protein inside. It does not stain 10 10 the jury, whether that is biologic material or with protein stains. 11 something like protein from the body that changed 11 Q. Did you do anything else to rule out 12 the polypropylene? Do you have an opinion on 12 whether or not formalin, or any other chemicals 13 that? 13 that are used to prepare the pathological sample 14 14 A. I do. for the slides, or anything else had anything to 15 15 do with this degraded bark in the cracked outer Q. And what's that opinion? 16 16 A. My opinion is it is not biological layer? 17 material. After conducting several tests and 17 A. Yes, I did. 18 observations. 18 Q. What did you do? 19 19 A. I took several pieces of pristine Q. What tests did you do and what 20 20 observations did you make to rule out whether or mesh, put it in formalin for four months, and then 21 21 not the formalin, and other chemicals which are took it out of formalin and loaded it with other 22 used to make the slides in this case, had anything 22 specimens through the same processing protocol or 23 to do with the degradation bark in the cracked 23 processing sequence as all other specimens. They 24 24 outer layer? all went through the same chemicals.

31 (Pages 118 to 121)

	Page 122		Page 124
1	Q. And what were your findings?	1	A. Yes. The technique was introduced
2	A. And the findings were that there is	2	in 1920's to identify sutures, even at that time.
3	no degraded layer after four months in formalin	3	MR. HUTCHINSON: Objection. Move to
4	and exposure to all chemicals to make the slides.	4	strike as nonresponsive.
5	Q. In your research did you ever have	5	BY MR. ANDERSON:
6	an occasion to see any explanted mesh before it	6	Q. Has it been around since the 1920s,
7	was put into formalin or before histological	7	Doctor?
8	slides were created?	8	A. Yes, it has.
9	A. Yes, I had the chance.	9	Q. Great. Have you seen any
10	Q. Please explain that to the jury and	10	peer-reviewed publications where they used
11	explain what your findings were.	11	polarized light in these same techniques?
12	A. I was called from OR when the	12	A. Yes, I did.
13	excision was done.	13	Q. I'm showing you what's been marked
14	Q. At St. Michael's?	14	as plaintiff's Exhibit 22.
15	A. At St. Michael's.	15	PLAINTIFF EXHIBIT NO. 22: Article
16	Q. When you say "OR" do you mean the	16	titled "Pathologic Evaluation of
17	operating room?	17	Explanted Vaginal Mesh:
18	A. Operating room.	18	Interdisciplinary Experience From a
19	Q. Now explain it slowly so that the	19	Referral Center", found in the Journal
20	jury can understand.	20	of Female Pelvic Medicine &
21		21	Reconstructive Surgery, 2013.
22	A. The patient had symptoms of pain,	22	BY MR. ANDERSON:
23	the sling had to be excised. And when I examined	23	
24	it, while it was fresh, while it was not dried	24	Q. You asked me to highlight this
24	yet, while it was even before it was put in	24	article for purposes of presentation to the jury?
	Page 123		Page 125
1	formalin, some fibers were sticking out. I	1	A. Yes, I did.
2	examined it in the microscope and I saw extensive	2	Q. Is this was this article
3	cracking.	3	published?
4	Q. And is that are the photographs	4	A. Yes, it was.
5	of that in your peer-reviewed publications?	5	Q. What journal was it published in?
6	A. Yes, they are.	6	A. Female Pelvic Medicine and
7	Q. Thank you. Did you use standards	7	Reconstructive Surgery.
8	sorry, strike that.	8	Q. In what year?
9	Did you use procedures and protocols	9	A. 2013.
10	that are standard in your industry to conduct the	10	Q. Who's the lead author?
11	formalin testing on the pristine mesh that had	11	A. Smith.
12	never been implanted in the body?	12	Q. Was this a peer-reviewed article?
13	A. Yes, I did.	13	A. Yes, it was.
14	Q. Doctor, with regard to the usage of	14	Q. Is this something that doctors like
15	polarized light to assess the mesh explants you	15	yourself rely on in forming medical and scientific
16	were showing the jury the thing like you use	16	opinions?
17	fishing glass lenses a few minutes ago. Do you	17	A. Yes, it is.
18	remember that?	18	Q. Did you read and review this in
19	A. Yes, I do.	19	forming the opinions that you're giving here
20	Q. Are there other scientist that have	20	today?
21	used this polarization technique in order to	21	A. Yes, I did.
22	examine whether or not there's polypropylene mesh	22	Q. Is this a recognized and reliable
	examine whether or not there's polypropylene mesh in tissue samples on microscopic slides like you did?	22 23 24	Q. Is this a recognized and reliable publication for doctors in your field? A. Yes, it is.

32 (Pages 122 to 125)

```
Page 126
                                                                                                     Page 128
 1
            Q. What is -- can you publish that?
                                                           1
                                                                examination, sometimes it describes only one part
 2
      What is the significance to you of Exhibit 22?
                                                           2
                                                                of the findings, it does not list all pathological
 3
            A. So this is the authors, this is the
                                                           3
                                                                findings. And the information which is delivered
                                                           4
                                                                cannot be related back to the clinical symptoms
 4
      journal. And if we can go to top part of the
 5
                                                           5
                                                                because it's incomplete.
      paper?
 6
                                                           6
            Q. It says there "objectives". What
                                                                      Q. And if we turn over to page 240 of
                                                           7
 7
      does that objective word mean when it comes to a
                                                                this. And if you highlight the top part of the
 8
      scientific journal like this?
                                                           8
                                                                page. Why did you want to point this out to the
 9
            A. Objectives are the aims of the study
                                                           9
                                                                jury, these highlights, Doctor?
                                                          10
10
      or the goal. What they're trying to achieve or
                                                                      A. So these are images similar to what
11
      what they're trying to study.
                                                          11
                                                                we saw. The images are of mesh. And you see
12
                                                          12
            Q. Okay. What was the goal of what
                                                                those spaces you saw before in Ms. Ramirez's
13
      they were trying to achieve in this study?
                                                          13
                                                                specimen. Those are clear spaces.
14
                                                          14
            A. "In light of vaginal mesh safety
                                                                      Q. Okay.
15
            concerns we reviewed our institutional
                                                          15
                                                                      A. The same stain, H&E stain. And they
16
            experience with analytical process and
                                                          16
                                                                use the same technique. They use polarized light
17
                                                          17
            pathologic findings of explanted
                                                                to identify where polypropylene is. And you can
18
            vaginal meshes to identify problems and
                                                          18
                                                                see these are polypropylene fibers here in the
19
                                                          19
            opportunities to facilitate improved
                                                                tissue.
20
                                                          20
            documentation and research."
                                                                      Q. And under -- the text underneath
                                                                the -- under the figure for figure B it says,
21
            Q. How many cases did they review?
                                                          21
                                                          22
22
            A. They reviewed 102 cases.
                                                                "Polarized micrograph showing brightly colored
                                                          23
23
            Q. If you scroll down please to the
                                                                birefringent." Is that the word you used before
24
                                                          24
      conclusion section. Just briefly describe what
                                                                in terms of what brightly means?
                                            Page 127
                                                                                                     Page 129
                                                           1
 1
      they concluded in this paper, Doctor?
                                                                      A. Yes. Bright means birefringent or
 2
            A. Their experience suggested that:
                                                           2
                                                                birefringent means bright in polarized light.
                                                           3
 3
               "Gross and histologic examination
                                                                      Q. You can take that down.
                                                           4
 4
            is appropriate for mesh explants.
                                                                      Doctor, do you know if anyone else in
 5
                                                           5
            Documentation of clinical history, mesh
                                                                your field of practice or in science has used the
                                                           6
 6
            product and material was frequently
                                                                same methods to test if polypropylene degrades in
                                                           7
 7
            incomplete and associated with
                                                                the body?
                                                           8
 8
            increased submission of tissue for
                                                                      MR. HUTCHINSON: Objection.
 9
                                                           9
                                                                      THE DEPONENT: Yes, I do.
            histologic examination and inaccurate
10
                                                          10
                                                                      BY MR. ANDERSON:
            gross impression of material type. We
11
            recommend..."
                                                          11
                                                                      Q. And if we could see Exhibit 23?
12
      That was their recommendation, "improved
                                                          12
                                                                      MR. HUTCHINSON: Ben, just for the
13
      documentation to aid pathologic examination and
                                                          13
                                                                record that was a foundation objection.
14
      enable future of pathophysiologic study of mesh
                                                          14
                                                                      BY MR. ANDERSON:
15
      complications."
                                                          15
                                                                      Q. From your review of all of the
16
                                                          16
                                                                records in this case, the internal documents that
            Q. Do you agree with that conclusion?
17
            A. I do. I frequently see --
                                                          17
                                                                you reviewed in this case, any depositions that
18
            Q. And why do you agree with it? Why
                                                          18
                                                                you reviewed, all of your work in the scientific
                                                          19
19
      is it significant to you, Doctor?
                                                                area of explanted transvaginal meshes and hernia
20
                                                          20
            A. Because when I review the medical
                                                                meshes, your analysis of over 300 explanted meshes
21
                                                          21
      records I frequently see incomplete and partially
                                                                and speaking at conferences and mingling with
22
                                                          22
      inaccurate pathological diagnosis.
                                                                scientists around the world, are you aware of
23
                                                          23
                                                                anyone that has used some of those similar methods
            Q. Please explain what you mean?
24
                                                          24
            A. Sometimes it's only gross
                                                                to test if polypropylene degrades in the body,
```

33 (Pages 126 to 129)

	Page 130		Page 132
1	including polarized light in high magnification?	1	from humans.
2	MR. HUTCHINSON: Objection, compound	2	Q. And what type of pathological
3	question.	3	technique were they using, Doctor?
4	THE DEPONENT: Yes, I am. I saw Ethicon	4	A. As you can see here they used light
5	scientists did the same used the same	5	microscopy, exactly the same what I did, and
6	methodology.	6	polarized light to help identify the cracking.
7	BY MR. ANDERSON:	7	Q. And if you can just scroll to where
8	Q. Okay. So let's go to Exhibit 23.	8	we can see the center of this portion. Now, what
9	PLAINTIFF EXHIBIT NO. 23: Internal	9	were what preservation method did the
10	Ethicon Research Foundation document	10	pathologist use to preserve these Prolene
11	dated March 23, 1983. Bates labelled	11	specimens?
12	ETH.MESH.15955438 to ETH.MESH.15955439.		A. The specimens were as normally
13	BY MR. ANDERSON:	13	preserved in formalin.
14	Q. Is this something that you reviewed	14	Q. And then if we can just scroll down.
15	in your work in this case?	15	Why did you want to highlight this last paragraph?
16	A. Yes, I did.	16	A. They took photographs and they
17	Q. Is IT something you relied on in	17	showed their findings in the photographs.
18	forming your opinions in this case?	18	Q. Okay.
19	A. Yes, I did.	19	A. And apparently at that time the
20		20	
	Q. Do you find it significant to your	21	knowledge of Prolene or polypropylene cracking was so prevalent that Ethicon formed a committee, the
21	opinions in this case?		•
22	A. Yes, I did.	22	committee was called "Prolene Microcrack
23	Q. If we could highlight the top. Can	23	Committee" to study the degradation of
24	you just identify what this document is for the	24	polypropylene.
	Page 131		Page 133
1	record?	1	Q. Okay. Let's go to next page of
			·
2	A. So this is internal document from	2	Exhibit 23. Let's highlight first the left side,
3	Ethicon Research Foundation dated March 23, 1983.		Exhibit 23. Let's highlight first the left side, top left side. Thank you.
	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph	2 3 4	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your
3	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm	2 3 4 5	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor?
3 4	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down	2 3 4	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in
3 4 5	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you	2 3 4 5	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor?
3 4 5 6	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down	2 3 4 5 6	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in
3 4 5 6 7	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did.	2 3 4 5 6 7	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is
3 4 5 6 7 8	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this	2 3 4 5 6 7 8	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can
3 4 5 6 7 8 9 10	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study?	2 3 4 5 6 7 8 9 10	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy?
3 4 5 6 7 8 9	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets	2 3 4 5 6 7 8 9	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of
3 4 5 6 7 8 9 10	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of	2 3 4 5 6 7 8 9 10	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this.
3 4 5 6 7 8 9 10 11	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene.	2 3 4 5 6 7 8 9 10 11 12 13 14	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's
3 4 5 6 7 8 9 10 11 12	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene. Q. Is Prolene the type of polypropylene	2 3 4 5 6 7 8 9 10 11 12 13	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this.
3 4 5 6 7 8 9 10 11 12 13 14	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene.	2 3 4 5 6 7 8 9 10 11 12 13 14	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's
3 4 5 6 7 8 9 10 11 12 13 14 15	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene. Q. Is Prolene the type of polypropylene that is in the TVT-O? A. Yes, it is.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's specimen. And there is exactly the same bark.
3 4 5 6 7 8 9 10 11 12 13 14 15	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene. Q. Is Prolene the type of polypropylene that is in the TVT-O?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's specimen. And there is exactly the same bark. Q. Okay.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene. Q. Is Prolene the type of polypropylene that is in the TVT-O? A. Yes, it is.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's specimen. And there is exactly the same bark. Q. Okay. A. Showing with the arrows.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene. Q. Is Prolene the type of polypropylene that is in the TVT-O? A. Yes, it is. Q. And the TVT-O that's in Ms. Ramirez?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's specimen. And there is exactly the same bark. Q. Okay. A. Showing with the arrows. Q. Okay.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene. Q. Is Prolene the type of polypropylene that is in the TVT-O? A. Yes, it is. Q. And the TVT-O that's in Ms. Ramirez? A. Body, yes it is.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's specimen. And there is exactly the same bark. Q. Okay. A. Showing with the arrows. Q. Okay. A. And we can go to upper area here.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene. Q. Is Prolene the type of polypropylene that is in the TVT-O? A. Yes, it is. Q. And the TVT-O that's in Ms. Ramirez? A. Body, yes it is. Q. Now let's go to that top paragraph.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's specimen. And there is exactly the same bark. Q. Okay. A. Showing with the arrows. Q. Okay. A. And we can go to upper area here. Q. Okay.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Ethicon Research Foundation dated March 23, 1983. Q. And if you look at the top paragraph what was the purpose of this study, Doctor? I'm sorry, you need the top part needs to go down all the way. Did you ask me to help you prehighlight some of this, Doctor? A. Yes, I did. Q. And what's the subject line of this study? A. Prolene, in brackets "polypropylene", Prolene is a brand name of Ethicon for polypropylene. Q. Is Prolene the type of polypropylene that is in the TVT-O? A. Yes, it is. Q. And the TVT-O that's in Ms. Ramirez? A. Body, yes it is. Q. Now let's go to that top paragraph. What were they doing in this internal Ethicon	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Exhibit 23. Let's highlight first the left side, top left side. Thank you. Why is this significant to your opinions, Doctor? A. So these are the images in transmitted light. You have to excuse me, this is a black and white copy. Q. I know they're not as pretty as the ones we saw before but just explain what you can see at least from the black and white copy? A. They show exactly the same slices of the mesh fibers, so they are cut like this. Exactly the same way as I did for Ms. Ramirez's specimen. And there is exactly the same bark. Q. Okay. A. Showing with the arrows. Q. Okay. A. And we can go to upper area here. Q. Okay. A. And it shows the bark around the

34 (Pages 130 to 133)

	Page 134		Page 136
1	A. Then they use polarized light. The	1	A. So again the same materials,
2	same polarized light as I use and they used it 30	2	polypropylene is explanted from human subjects.
3	years ago. I was not aware of this document for a	3	Q. And under the summary of that what
4	long time. I started my study, research of	4	were these explants preserved in before they were
5	polypropylene degradation before I saw this	5	examined?
6	document. And I was pleased to see that it was	6	A. So they were received to examine
7	used 30 years ago. And these are the same fibers	7	surface cracking and tensile strength.
8	in polarized light. You can see how they are	8	Q. What were they preserved in?
9	bright or birefringent.	9	A. They were preserved in formalin.
10	And then if we go to enlarge the area	10	Q. If we could go down do the next
11	you can see some folding and some parts of the	11	paragraph that you've asked to be highlighted.
12	bark with cracks. This is the same bark.	12	What's the significance of these highlighted
13	MR. HUTCHINSON: Move to strike as	13	sentences?
14	nonresponsive.	14	A. So again they use the same methods,
15	BY MR. ANDERSON:	15	histological methods examining histological slides
16	Q. And, Doctor, did you review any	16	as I did for Ms. Ramirez, to examine them in
17	other internal Ethicon documents where they	17	regular light, or cross-sections of the specimens
18	studied these microcracks through this Prolene	18	in regular light. And they used phloxine.
19	microcrack committee?	19	Q. What's phloxine, Doctor?
20	A. Yes, I did.	20	A. Phloxine is another histological
21	Q. Is this document significant to your	21	dye.
22	opinions in this case?	22	Q. Like the H&E or the S100?
23	A. Yes, it is.	23	A. Similar.
24	Q. And did you review and rely upon	24	Q. Okay.
			•
l l	Page 135		Page 137
1	Page 135	1	Page 137
1	them in informing your opinions?	1	A. And they examined the specimens and
2	them in informing your opinions? A. Yes, I did.	2	A. And they examined the specimens and they saw severe surface cracking. And the bark
2	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm	2	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns.
2 3 4	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24.	2 3 4	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3
2 3 4 5	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal	2 3 4 5	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and
2 3 4 5 6	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research	2 3 4 5 6	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed,
2 3 4 5 6 7	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates	2 3 4 5 6 7	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5
2 3 4 5 6 7 8	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to	2 3 4 5 6 7 8	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking?
2 3 4 5 6 7 8 9	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468.	2 3 4 5 6 7 8	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine
2 3 4 5 6 7 8 9	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON:	2 3 4 5 6 7 8 9	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers
2 3 4 5 6 7 8 9 10	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for	2 3 4 5 6 7 8 9 10	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron.
2 3 4 5 6 7 8 9 10 11	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record?	2 3 4 5 6 7 8 9 10 11	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to
2 3 4 5 6 7 8 9 10 11 12 13	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from	2 3 4 5 6 7 8 9 10 11 12	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case
2 3 4 5 6 7 8 9 10 11 12 13 14	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation.	2 3 4 5 6 7 8 9 10 11 12 13 14	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these
2 3 4 5 6 7 8 9 10 11 12 13 14 15	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the	2 3 4 5 6 7 8 9 10 11 12 13 14	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the top part, including the top third of the document?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference to the patient. Do you have an opinion about
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the top part, including the top third of the document? Thank you.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference to the patient. Do you have an opinion about that?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the top part, including the top third of the document? Thank you. A. The document dates May 2nd, 1984.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference to the patient. Do you have an opinion about that? A. I do.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the top part, including the top third of the document? Thank you. A. The document dates May 2nd, 1984. Q. So a year after the last document?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference to the patient. Do you have an opinion about that? A. I do. Q. What's that opinion?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the top part, including the top third of the document? Thank you. A. The document dates May 2nd, 1984. Q. So a year after the last document? A. Yes, it's about a year.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference to the patient. Do you have an opinion about that? A. I do. Q. What's that opinion? A. Well, first of all it entire
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the top part, including the top third of the document? Thank you. A. The document dates May 2nd, 1984. Q. So a year after the last document? A. Yes, it's about a year. Q. What's the subject here?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference to the patient. Do you have an opinion about that? A. I do. Q. What's that opinion? A. Well, first of all it entire surface of the mesh is involved.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the top part, including the top third of the document? Thank you. A. The document dates May 2nd, 1984. Q. So a year after the last document? A. Yes, it's about a year. Q. What's the subject here? A. Examination of Prolene polypropylene	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference to the patient. Do you have an opinion about that? A. I do. Q. What's that opinion? A. Well, first of all it entire surface of the mesh is involved. Q. What do you mean by "involved"?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	them in informing your opinions? A. Yes, I did. Q. Can we please go to Exhibit 24? I'm showing you what has been marked as Exhibit 24. PLAINTIFF EXHIBIT NO. 24: Internal document from Ethicon Research Foundation dated May 2, 1984. Bates labelled ETH.MESH.15955462 to ETH.MESH.15955468. BY MR. ANDERSON: Q. And can you please identify that for the record? A. This is internal document from Ethicon Research Foundation. Q. Can you publish it and highlight the top part, including the top third of the document? Thank you. A. The document dates May 2nd, 1984. Q. So a year after the last document? A. Yes, it's about a year. Q. What's the subject here?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. And they examined the specimens and they saw severe surface cracking. And the bark layer or the cracked layer was 3 to 4.5 microns. Q. Let me ask you about that level of 3 to 4.5 microns. In your scientific research, and all of the explanted meshes that you've analyzed, is that the same or different in terms of 3 to 4.5 micron depth of the bark cracking? A. It's the same. Well, they examine small number. I examine over 300 so my numbers are anywhere from 1 micron to 7 micron. Q. So hypothetically, I want you to assume with me there may be testimony in this case where someone might say that the depths of these cracks is so small it doesn't make any difference to the patient. Do you have an opinion about that? A. I do. Q. What's that opinion? A. Well, first of all it entire surface of the mesh is involved.

35 (Pages 134 to 137)

Page 138 Page 140 1 point is that the size in pathology and in 1 whether or not the longer the material was in the 2 2 medicine doesn't matter. For example, if we take body the more susceptible it was to cracking? 3 small structures like viruses they can be deadly, 3 A. There was some information about like HIV virus or like Ebola virus. It's very 4 4 cracks, they are more prevalent in older or longer 5 small but it can kill. 5 in vivo period. 6 6 Q. Okay. Let's turn over if we could Q. Is that consistent with your 7 7 now to page 3 of this document. If we can scientific research that you've done with regard 8 highlight from number 6 -- yes, please. 8 to degradation and the length of time that the 9 Doctor, on page 3 of this document it 9 mesh was in the body? 10 describes sample 6. And in the third -- in the 10 A. Yes, it is. 11 paragraph there in histological sections can you 11 Q. How so? 12 please explain why this is significant to your 12 A. The bark layer starts really thin. 13 13 Well, it starts with zero from day one and then it opinions? A. So again they describe a cracked 14 14 grows slowly. Over the years it becomes thicker 15 surface layer measuring 3 to 4.5 microns thick. 15 and thicker and thicker, and thicker. 16 The layer was birefringent or bright, as we 16 Q. If we go down to the top page -- top 17 17 discussed earlier. When examined under polarized of the next page. At the top of page 4 of this light microscopy, exactly the same phenomenon as 18 18 1984 study, plaintiff's Exhibit 24, why is that 19 we saw before, it is bright in polarized light. 19 significant to your opinions here, Doctor? 20 Phloxine stain had completely penetrated the 20 A. So this is their conclusion. 21 cracked layer. Again, a different dye stains it 21 "The cracked layer appeared blue in 22 purple again. Different molecules of the dye, 22 gross specimens and blue dye particles 23 different electrostatic charge. It still dyes it, 23 were evident in histological sections 24 24 it still stains it. of the layer. This would indicate that Page 139 Page 141 1 Q. Okay. And the next part of that? 1 the layer is dyed Prolene polymer and 2 A. And particles of blue dye, those 2 not an isolated protein coating on the 3 3 blue granules were evident within the cracked strands." 4 layer. So they saw exactly the same 30 years ago. 4 Q. Why is that significant to you, 5 Those blue granules were in the bark in 1984. 5 Doctor? 6 Q. And just to be clear, in both the 6 A. These were exactly the same 7 1983 internal Ethicon Prolene crack study, and the 7 conclusions as I independently arrived 30 years 8 8 1984 Ethicon internal Prolene crack study not all after. Thirty years ago Ethicon scientists used 9 9 of those fibers were cracked, correct? the same methods and they concluded that the 10 10 MR. HUTCHINSON: Objection, leading. cracked layer is degraded polypropylene and not a 11 11 protein layer, not a biofilm. BY MR. ANDERSON: 12 Q. Were all of those fibers cracked? 12 Q. If we could go to page 6 of this 13 A. No, not all of them were cracked. 13 report? I want to highlight that top part. 14 Q. Just to be clear, Doctor, in both 14 Is this significant to your report here, 15 the Ethicon 1983 Microcrack Committee study, and 15 Doctor, the description of certain wet and dry 16 the Ethicon 1984 Ethicon Microcrack Committee 16 conditions? 17 study were all of those fibers cracked or 17 A. Yes, it is. 18 degraded? 18 Q. Can you please explain? 19 19 A. Well, the report was that some of A. So when the surface of the cracked 20 them were not cracked or at least they did not see 20 fibers is dry it's much easier to see the cracks. 21 21 cracking. They are more dramatic in dry sample. When the 22 Q. Okay. And did these reports did 22 surface was wet it's not as easy to see the 23 they determine whether or not the cracking was 23 cracks. So sometimes --Q. Why is that? 24 time dependent? In other words, did they report 24

36 (Pages 138 to 141)

Page 142 Page 144 1 A. Water just fills the cracks and you 1 A. This is a comparison of the Ethicon 2 2 study and the images I took from Ms. Ramirez's don't see them. 3 3 Q. And if we turn to page 7 please. specimen. The first combination of images shows 4 4 What are we seeing in that upper image, Doctor? microphotographs taken 30 years ago by Ethicon 5 A. This is a similar image we saw 5 scientists studying Prolene sutures explanted from 6 6 before the polypropylene fiber is sectioned in people. And this image, or the image on lower 7 7 histological section and examined in polarized right shows Ms. Ramirez's specimen in polarized 8 light. And this part is the nondegraded core of 8 light. And you can see the similarity. Bright 9 the fiber. And this layer, as you can see a 9 core, bright bark and then dark surrounding 10 10 scaling layer, is degraded bark. tissue, dark surrounding tissue here. 11 Q. And it says "birefringent", is that 11 Q. What do we see in the lower right 12 12 that word that means brightly again? image, if you can blow that up please for me. 13 13 A. This is comparison of mesh fibers A. Brightly, bright again. It's 14 14 examined in regular light. And you can see the phloxine staining, bright in polarized light, 15 degraded layer of polypropylene or Prolene. 15 similarity. Mesh fiber with cracked outer bark or 16 Q. What are we seeing in the image just 16 cracked outer layer here in Ms. Ramirez's specimen 17 17 below that if we could, Doctor? examined in 2015. And this is a mesh or Prolene 18 18 suture examined in 1984. And we can see the A. And this is again a cross-section of 19 19 a fiber like this tree slab. similarity. 20 20 Q. Okay. So this was drawn by Ethicon scientist 21 A. Cross-section. And we just see 21 in 1984. This is the bark layer with the cracks. 22 22 And this is 2015, 30 years after that. These are quarter of it. And we see bark layer or 23 degradation layer on the outer surface. So in 23 blue granules in the bark layer. This is Prolene, 24 24 it's not protein. this image it's in regular light, this part is the Page 143 Page 145 1 core and this is degraded layer. And they use the 1 Q. Demonstrating what to you, 2 same arrows. I used the same arrows or similar 2 Dr. Iakovlev? 3 3 arrows 30 years after that. A. It demonstrates that Ethicon 4 Q. With my help did you prepare a slide 4 scientists knew that Prolene degrades in the body 5 comparing the findings from these Ethicon 5 in 1984, and they determined that using exactly 6 6 scientist and your findings from Ms. Ramirez's the same methodology that I used to examine 7 7 explanted mesh? Ms. Ramirez's specimen and determine that TVT-O 8 8 A. Yes, I did. degraded while in the body of Ms. Ramirez. 9 9 Q. Do you think it would be helpful in Q. Thank you, you can take that down. 10 informing the jury or your opinions? 10 Doctor, as part of your evaluation in 11 A. Yes, it will. 11 this case did you rule out any other causes of the 12 Q. Is it significant to your opinions 12 scarring the foreign body type inflammation and the nerve involvement in Ms. Ramirez's slide? 13 here? 13 14 14 A. Yes, it is. A. Yes, I did. 15 Q. Okay. Let's pull up Exhibit 25 15 Q. What did you do to rule out all please. I'm showing you what's been premarked as 16 other causes for these tissue changes as it 16 17 plaintiff's Exhibit 25 for demonstrative purposes 17 related to the TVT-O mesh in Ms. Ramirez? 18 only. 18 A. I examined the specimen grossly, I 19 19 ---PLAINTIFF EXHIBIT NO. 25: Two pages examined it microscopically and I saw no natural 20 20 disease like cancer. All pathological cases were depicting high magnification images for 21 21 related to the mesh. My findings were exactly the comparison. 22 22 BY MR. ANDERSON: same in this respect as the findings of initial 23 Q. Please explain what we're seeing 23 pathologist. 24 24 here, Doctor? Q. Doctor, based upon your background,

Page 146 Page 148 1 training and experience, your review of over 300 1 MR. HUTCHINSON: Same objection, 2 explanted meshes, your review of the medical 2 foundation. 3 3 records of hundreds of explanted mesh patients, BY MR. ANDERSON: 4 4 your scientific publications, your review of the O. Go ahead 5 5 literature and your review of Ms. Ramirez's A. The mesh triggered tissue reaction. 6 6 medical records, do you have an opinion, to a The mesh degraded itself, it triggered bridging 7 7 fibrosis, scar encapsulation, scar plating, reasonable degree of medical certainty, as to the 8 cause of Ms. Ramirez's pelvic pain? 8 foreign body type inflammation, nerve entrapment, 9 A. Yes I do. 9 and all of these changes caused this complication. 10 10 Q. And what is that opinion? Q. Do you have an opinion, to a 11 A. My opinion is --11 reasonable degree of medical certainty, based upon 12 12 MR. HUTCHINSON: Objection, foundation. your background, training, experience, your review 13 BY MR. ANDERSON: 13 of over 300 explanted polypropylene meshes, your 14 14 publications in the field, your presentations at O. Go ahead? 15 conferences around the world, including invited 15 A. As I said, there was no natural 16 disease, there was no other foreign body. All 16 presentations to mesh manufacturers, your review 17 17 pathology in the excised specimens, and the of the records in this case, and your review of 18 18 specimens which were excised to treat the the explants, and all of your microscopic 19 19 complications was related to the mesh. And those analysis, do you have an opinion as to whether or 20 20 were bridging fibrosis, scar encapsulation, scar not the pathological analysis you've done has 21 plating, foreign body type inflammation, nerve 21 shown that Ms. Ramirez's urinary symptoms were due 22 22 entrapment, and all of these changes caused to TVT-O? 23 23 complications in Ms. Ramirez. MR. HUTCHINSON: Objection, foundation. 24 24 THE DEPONENT: Yes, I do. Q. And was that complication including Page 147 Page 149 1 pelvic pain? 1 BY MR. ANDERSON: 2 MR. HUTCHINSON: Objection, foundation. 2 Q. What is that opinion? 3 3 THE DEPONENT: Yes. A. My opinion is that the sling and 4 4 BY MR. ANDERSON: sling-related tissue changes caused scarring, scar 5 Q. And based upon all of your 5 contraction, tightening of the mesh and urinary 6 background, training, experience, your scientific 6 symptoms. As to how this tightening of the mesh 7 7 work, your review of the medical records in this manifested in terms of urinary symptoms I would 8 8 case, do you have an opinion -- and you review of defer this to urogynecologist. 9 9 thousands of other pages of medical records for Q. Doctor, with your help did you help 10 10 the hundreds of explants that you say you examined me prepare a slide for your clinico-pathological 11 as part of your work and your research, do you 11 findings as they relate to your opinion in 12 have an opinion as to whether or not the TVT-O 12 Ms. Ramirez's case? 13 mesh caused pain with sexual intercourse for 13 A. I did. 14 Ms. Ramirez? 14 Q. And for demonstrative purposes only 15 MR. HUTCHINSON: Objection, foundation. 15 can you please pull up the slide? Doctor, can you THE DEPONENT: Yes, I do. 16 16 please explain the slide that you prepared here 17 BY MR. ANDERSON: 17 for the jury regarding your summary of 18 Q. What is that opinion? 18 pathological findings and your 19 19 A. My opinion is that the mesh and in clinico-pathological correlation? 20 20 the mesh related changes in the tissue caused pain A. So the main pathological abnormality 21 21 with sexual intercourse for Ms. Ramirez. in the excised tissue, in the tissue which was 22 Q. And do you have an opinion as to how 22 excised to treat the complications, was presence 23 23 it caused pain for sexual intercourse? of foreign body and that foreign body was the 24 A. Yes, I do. 24 mesh. There was no other foreign body.

38 (Pages 146 to 149)

1 your knowledge, training, experience, work as a 2 pathologist for over 15 years, your work on this 3 case reviewing the medical records of Ms. Ramirez, 4 all of the work that you've done in the field that 5 we've previously described, as to whether or not 6 these pathological changes in the tissue of 7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 1 A. Thank you. 1 THE VIDEOGRAPHER: Going off the record. 1 THE VIDEOGRAPHER: Daing off the record. 1 CROSS-EXAM		Page 150		Page 152
2 found curled or roped, which was correlating with the clinical description of bow stringing. Making a tight rope like a bow string. This was caused to by scarring and contraction within the curled mesh. 6	1	Now, examining further the sling was	1	A. I do.
the clinical description of bow stringing. Making a tight rope like a bow string. This was caused by scarring and contraction within the curled mesh. Q. Okay. Next bullet point. A. There was entrapment of nerves in the pain. Q. And the next bullet point? A. There was also foreign body type inflammation which was correlated with the pain. A. There was also foreign body type inflammation which was correlating with further scarring and pain. The mesh itself was found to be degraded. It was failing on its own. Q. And your last bullet point, why is that significant? A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of Ms. Ramirez, that you've just described, are related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Same objection, foundation. THE DEPONENT: I do, MR. HUTCHINSON: Objection, foundation. THE DEPONENT: I do, Q. What is that opinion? A. My opinion is that the remaining parts of the TVT-O sling which still remain in Ms. Ramirez, body will continue to cause all those changes, pathological changes if describ before, and will pose risk for the TVT-O sling which still remain in Ms. Ramirez, body will continue to cause all those changes pathologyical changes is the disson foundation. The time is 11.59 a.m. The VIDEOGRAPHER: Going off the record. The time is 11.59 a.m. A. Thank you. THE VIDEOGRAPHER: Back on the record at 1.09 p.m. CROSS-EXAMINATION BY MR. HUTCH				
4 a tight rope like a bow string. This was caused by scarring and contraction within the curled mesh. 7 Q. Okay. Next bullet point. 8 A. There was entrapment of nerves in the sear and in the mesh which was correlated with the pain. 10 the pain. 11 Q. And the next bullet point? 12 A. There was also foreign body type inflammation which was correlating with further scarring and pain. The mesh itself was found to be degraded. It was failing on its own. 16 Q. And your last bullet point, why is that significant? 17 A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. 20 Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 1 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of 7 Ms. Ramirez, and will pose risk for pain for Ms. Ramirez, and will pose risk for pain for Ms. Ramirez, and will pose risk for pain for Ms. Ramirez. 10 Q. For how long? A. As long as mesh stays there. And because there is still damaged tissue, scarring left after the mesh in the area where it was surgeries, that scar tissue also poses risk for clinical complications. MR. HUTCHINSON: Move to strike a nonresponsive. 11 A. Thank you. 12 A. Thank you. 13 A. Thank you. 14 A. Thank you. 15 The time is 11:58 am. 16 CROSS-EXAMINATION BY MR. HUTCHINSON: 109 pathologist for over 15 years, your work on this related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? 14 Q. What is that opinion? 15 A. Thank you. 16 CROSS-EXAMINATION BY MR. HUTCHINSON: 109 pathologist who works in 100 p		<u>.</u>		- · · · · · · · · · · · · · · · · · · ·
5 by scarring and contraction within the curled mesh. 5 BY MR. ANDERSON:				<u> </u>
6 mesh. 7 Q. Okay. Next bullet point. 8 A. There was entrapment of nerves in 9 the scar and in the mesh which was correlated with 10 the pain. 11 Q. And the next bullet point? 12 A. There was also foreign body type 13 inflammation which was correlating with further 14 scarring and pain. The mesh itself was found to 15 be degraded. It was failing on its own. 16 Q. And your last bullet point, why is 17 that significant? 18 A. As important in pathology for all 19 specimens we examine, there was no natural 20 disease. There is no malignancy or nonmalignant 21 disease in the tissue. All changes were triggered 22 by the mesh. 23 Q. Doctor, do you have an opinion, to a 24 reasonable degree of medical records of Ms. Ramirez, 25 all of the work that you've done in the field that 26 we've previously described, as to whether or not 27 the these pathological changes in the tissue of 28 the septive pain, pain with intercourse and 29 urinary symptoms? 10 urinary symptoms for Mr. Ramirez. 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: Ido. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the remaining 16 Ms. Ramirez/s body will continue to cause all 10 those changes, pathological changes I describ 10 Ms. Ramirez/s body will continue to cause all 10 those changes, pathological changes I describ 10 Ms. Ramirez/s body will continue to cause all 10 those changes, pathological changes I describ 10 Ms. Ramirez/s body will continue to cause all 11 those changes, nathological changes I describ 12 Ms. Ramirez/s body will continue to cause all 12 before, and will pose risk for pain for 15 Ms. Ramirez/s body will continue to cause all 15 before, and will pose risk for pain for 16 Ms. Ramirez/s body will continue to cause all 16 because there is still damaged tissue, scarring 16 left after the mesh in the area where it was 17 excised, and scarring left after the mesh as surgeries, that scar tissue also poses risk for colinical complications. 17 MR. HUTCHINSON: 18 MR. HUTCHINSON: 19 MR. HUTCHINSON: 20 M				
A. There was entrapment of nerves in 9 the scar and in the mesh which was correlated with 10 the pain. 11 Q. And the next bullet point? 12 A. There was also foreign body type 13 inflammation which was correlating with further 14 scarring and pain. The mesh itself was found to 15 be degraded. It was failing on its own. 16 Q. And your last bullet point, why is 17 that significant? 18 A. As important in pathology for all 19 specimens we examine, there was no natural 20 disease. There is no malignancy or nonmalignant 21 disease. There is no malignancy or nonmalignant 22 disease. There is no malignancy or nonmalignant 23 disease. There is no malignancy or nonmalignant 24 reasonable degree of medical certainty, based upon 25 Page 151 26 Q. Doctor, do you have an opinion, to a 26 reasonable degree of medical records of Ms. Ramirez, 27 all of the work that you've done in the field that 28 we've previously described, are 39 related to her clinical symptoms of chronic 40 these pathological changes in the tissue of 41 Ms. Ramirez,'s body will continue to cause all those changes, pathological changes I describ before, and will pose risk for pain for 42 Ms. Ramirez. 41 Ms. Ramirez,'s body will continue to cause all those changes, pathological changes I describ before, and will pose risk for pain for 42 Ms. Ramirez. 43 As long as mesh stays there. And because there is still damaged tissue, scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area whe				
8 A. There was entrapment of nerves in the sear and in the mesh which was correlated with 10 the pain. 11 Q. And the next bullet point? 12 A. There was also foreign body type 13 inflammation which was correlating with further 14 scarring and pain. The mesh itself was found to 15 be degraded. It was failing on its own. 16 Q. And your last bullet point, why is 17 that significant? 18 A. As important in pathology for all 19 specimens we examine, there was no natural 20 disease. There is no malignancy or nonmalignant 21 disease in the tissue. All changes were triggered 22 by the mesh. 23 Q. Doctor, do you have an opinion, to a 24 reasonable degree of medical certainty, based upon 24 reasonable degree of medical certainty, based upon 25 pathologist for over 15 years, your work on this 26 case reviewing the medical records of Ms. Ramirez, 27 all of the work that you've done in the field that 28 we've previously described, as to whether or not these pathological changes in the tissue of the these pathological changes in the tissue of the pathological changes in the tissue of these pathological changes in the tissue of the speathological changes in the tissue of the pathological changes in the tissue of the pathological changes in the tissue of the pathological changes in the tissue of the speathological changes in the tissue of the pathological changes in the				- ·
the scar and in the mesh which was correlated with the pain. Q. And the next bullet point? A. There was also foreign body type inflammation which was correlating with further scarring and pain. The mesh itself was found to be degraded. It was failing on its own. Q. And your last bullet point, why is Q. And your last bullet point, why is A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease. There is no malignancy or nonmalignant gases in the tissue. All changes were triggered by the mesh. Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon your knowledge, training, experience, work as a pathologist for over 15 years, your work on this we've previously described, as to whether or not these pathological changes in the tissue of was a related to her clinical symptoms of the work that you've just described, are related to her clinical symptoms? MR. Ramirez, bady will continue to cause all those changes, pathological changes I describ before, and will pose risk for pain for Ms. Ramirez. Q. For how long? A. As long as mesh stays there. And because there is still damaged tissue, cscarring left after the mesh in the area where it was excised, and scarring left after the mesh surgeries, that scar tissue also poses risk for clinical complications. MR. HUTCHINSON: Move to strike a nonresponsive. BY MR. ANDERSON: Q. Thank you. THE VIDEOGRAPHER: Going off the record. The time is 11:58 a.m.				• •
the pain. Q. And the next bullet point? A. There was also foreign body type inflammation which was correlating with further scarring and pain. The mesh itself was found to be degraded. It was failing on its own. Q. And your last bullet point, why is that significant? A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. Q. Doctor, do you have an opinion, to a pathologist for over 15 years, your work on this we've previously described, as to whether or not these pathological changes in the tissue of these pathological changes in the tissue of vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Dijection, foundation. THE DEPONENT: I do. Q. What is that opinion? A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. In the pain. The begarded. It was failing on its own. A. As long as mesh stays there. And because there is still damaged tissue, scarring left after the mesh in the area where it was excised, and scarring left after the mesh is the tere is still damaged tissue, scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the		•		-
11 Q. And the next bullet point? 12 A. There was also foreign body type 13 inflammation which was correlating with further 14 scarring and pain. The mesh itself was found to 15 be degraded. It was failing on its own. 16 Q. And your last bullet point, why is 17 that significant? 18 A. As important in pathology for all 19 specimens we examine, there was no natural 20 disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered 21 by the mesh. 22 by the mesh. 23 Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon 24 reasonable degree of medical certainty, based upon 25 Page 151 26 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this we've previously described, as to whether or not 6 these pathological changes in the tissue of 26 Ms. Ramirez. 27 Page 151 28 YMR. ANDERSON: 29 Page 151 20 God afternoon, Dr. Iakovlev. 29 Paginal pelvic pain, pain with intercourse and urinary symptoms? 20 Universe the tissue of A. May opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. 20 Page 151 21 Raman Page 151 22 Page 151 23 Page 151 24 Page 151 25 Page 151 26 Page 151 27 Pelvic vaginal pain, pain with intercourse and Page of medical certainty, based upon Page 1				
A. There was also foreign body type inflammation which was correlating with further scarring and pain. The mesh itself was found to be degraded. It was failing on its own. Q. And your last bullet point, why is that significant? A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, are related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: I do. BY MR. ANDERSON: A. As long as mesh stays there. And because there is still damaged tissue, scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the mesh in the area where it was excised, and scarring left after the		•		
13 inflammation which was correlating with further scarring and pain. The mesh itself was found to be degraded. It was failing on its own. 16 Q. And your last bullet point, why is that significant? 17 that significant? 18 A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. 20 disease in the tissue. All changes were triggered by the mesh. 21 pour knowledge, training, experience, work as a pathologist for over 15 years, your work on this we've previously described, as to whether or not these pathological changes in the tissue of related to her clinical symptoms of chronic yaginal pelvic pain, pain with intercourse and urinary symptoms? 10 MR. HUTCHINSON: Objection, foundation. 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 because there is still damaged tissue, scarring left after the mesh interactive accised, and scarring left after the mesh into accise, and scarring left after the mesh into acc				· ·
14 scarring and pain. The mesh itself was found to be degraded. It was failing on its own. 15 be degraded. It was failing on its own. 16 Q. And your last bullet point, why is that significant? 17 that significant? 18 A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. 20 Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon 21 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of Ms. Ramirez, that you've just described, are related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? 10 MR. HUTCHINSON: Move to strike a nonresponsive. 21 BY MR. ANDERSON: 22 BY MR. ANDERSON: 23 Q. Thank you. 24 The VIDEOGRAPHER: Going off the record. 3 The time is 11:58 a.m. 4 Lunch break taken 5 THE VIDEOGRAPHER: Back on the record at 1:09 p.m. 7 CROSS-EXAMINATION BY MR. HUTCHINS on and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? 14 Q. What is that opinion? 15 A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms? 16 Canada, is that right? 17 A. Thar's correct. 18 Q. And I believe you told us earlier				
be degraded. It was failing on its own. Q. And your last bullet point, why is that significant? A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of Ms. Ramirez, that you've just described, are related to her clinical symptoms? MR. HUTCHINSON: Move to strike a nonresponsive. Page 151 A. Thank you. THE VIDEOGRAPHER: Going off the record. The time is 11:58 a.m. A. As an Thank you. THE VIDEOGRAPHER: Back on the record at 1:09 p.m. CROSS-EXAMINATION BY MR. HUTCHINSON and I represent Ethicon and Johnson and I represent Ethicon and Johnson and I for mesh-related changes in the tissue caused chronic pathologist is that topinion? A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pathologist pathologist who works in Canada, is that right? A. That's correct.		-		
Q. And your last bullet point, why is that significant? A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon disease reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of related to her clinical symptoms? MR. HUTCHINSON: Move to strike a nonresponsive. BY MR. ANDERSON: Q. Thank you, Doctor, no further questions. Page 151 A. Thank you. THE VIDEOGRAPHER: Going off the record. The time is 11:58 a.m. A. Good afternoon, Dr. Iakovlev. A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. 18 left after the mesh in the area where it was excised, and scarring left after the mesh surgeries, that scar tissue also poses risk for clinical complications. Page 151 MR. HUTCHINSON: Move to strike a nonresponsive. BY MR. ANDERSON: A. Thank you. THE VIDEOGRAPHER: Going off the record. The time is 11:58 a.m. CROSS-EXAMINATION BY MR. HUTCHINSON: Described, are related to her clinical symptoms of chronic according to the record at 1:09 p.m. CROSS-EXAMINATION BY MR. HUTCHINSON: Described, are related to her clinical symptoms of chronic according to the record at 1:09 p.m. CROSS-EXAMINATION BY MR. HUTCHINSON: Described, are related to her clinical symptoms of chronic according to the record. The time is 11:58 a.m. CROSS-EXAMINATION BY MR. HUTCHINSON: Described, are related to her clinical symptoms of chronic according to the record. The time is 11:59 p.m. CROSS-EXAMINATION BY MR. HUTCHINSON: Described, are relate				
that significant? A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. 20 Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: I do. BY MR. ANDERSON: CROSS-EXAMINATION BY MR. HUTCHINSON and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. 17 excised, and scarring left after the mesh surgeries, that scar tissue also poses risk for clinical complications. 20 MR. HUTCHINSON: Move to strike a nonresponsive. BY MR. ANDERSON: 1 A. Thank you. THE VIDEOGRAPHER: Going off the record. THE VIDEOGRAPHER: Back on the record at 1:09 p.m. CROSS-EXAMINATION BY MR. HUTCHINSON: Q. Good afternoon, Dr. Iakovlev. A. Good afternoon, Dr. Iakovlev. A. Good afternoon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez.				
A. As important in pathology for all specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. 2				
specimens we examine, there was no natural disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of MR. HUTCHINSON: Objection, foundation. Reasonable degree of medical certainty, based upon Page 151 A. Thank you. THE VIDEOGRAPHER: Going off the record. The time is 11:58 a.m. THE VIDEOGRAPHER: Back on the record at 1:09 p.m. CROSS-EXAMINATION BY MR. HUTCHINSON OF A. Good afternoon, Dr. Iakovlev. A. Good afternoon. Q. My name is Chad Hutchinson and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez.		•		=
disease. There is no malignancy or nonmalignant disease in the tissue. All changes were triggered by the mesh. 2 Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of Ms. Ramirez, that you've just described, are related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Objection, foundation. MR. HUTCHINSON: Objecti				•
disease in the tissue. All changes were triggered by the mesh. Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 page 151 page 1 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Objection, foundation. MR. HUTCHINSON: Objection, foundation. THE DEPONENT: I do. BY MR. ANDERSON: A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. We the mesh. 22 BY MR. ANDERSON: A. Thank you, Doctor, no further questions. A. Thank you. THE VIDEOGRAPHER: Going off the record. The time is 11:58 a.m. Lunch break taken THE VIDEOGRAPHER: Back on the record at 1:09 p.m. CROSS-EXAMINATION BY MR. HUTCHINS Q. Good afternoon, Dr. Iakovlev. A. Good afternoon, Dr. Iakovlev. A. Good afternoon and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. Okay. A. Okay. A. Okay. A. That's correct. Q. And I believe you told us earlier		•		1
by the mesh. Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 page 151 page 1 your knowledge, training, experience, work as a pathologist for over 15 years, your work on this case reviewing the medical records of Ms. Ramirez, all of the work that you've done in the field that we've previously described, as to whether or not these pathological changes in the tissue of related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Objection, foundation. A. That's correct. A. Cond afternoon. Q. My name is Chad Hutchinson and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? Q. Wou're a pathologist who works in MR. Canada, is that right? A. That's correct. Q. And I believe you told us earlier				
Q. Doctor, do you have an opinion, to a reasonable degree of medical certainty, based upon Page 151 1 your knowledge, training, experience, work as a 2 pathologist for over 15 years, your work on this 3 case reviewing the medical records of Ms. Ramirez, 4 all of the work that you've done in the field that 5 we've previously described, as to whether or not 6 these pathological changes in the tissue of 7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 1 urinary symptoms? 10 Q. My name is Chad Hutchinson and I 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 18 Q. And I believe you told us earlier				
Page 151 1 your knowledge, training, experience, work as a 2 pathologist for over 15 years, your work on this 3 case reviewing the medical records of Ms. Ramirez, 4 all of the work that you've done in the field that 5 we've previously described, as to whether or not 6 these pathological changes in the tissue of 7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 10 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 12 case and I'm going to need to ask you some questions. 16 Canada, is that right? A. That's correct. 18 urinary symptoms for Mr. Ramirez. 18 Q. And I believe you told us earlier		· ·		
Page 151 1 your knowledge, training, experience, work as a 2 pathologist for over 15 years, your work on this 3 case reviewing the medical records of Ms. Ramirez, 4 all of the work that you've done in the field that 5 we've previously described, as to whether or not 6 these pathological changes in the tissue of 7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 18 A. Thank you. 1 A. Thank you. 1 THE VIDEOGRAPHER: Going off the record. 1 THE VIDEOGRAPHER: Back on the record at 1:09 p.m. 1 CROSS-EXAMINATION BY MR. HUTCHINS 1 CROSS-EXAMINATION BY MR. HUTCHINS 2 Q. Good afternoon, Dr. Iakovlev. 9 A. Good afternoon. 10 Q. My name is Chad Hutchinson and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some 1 questions, okay? 1 A. Okay. 1 A. That's correct.		· · · · · · · · · · · · · · · · · · ·		- ·
1 your knowledge, training, experience, work as a 2 pathologist for over 15 years, your work on this 3 case reviewing the medical records of Ms. Ramirez, 4 all of the work that you've done in the field that 5 we've previously described, as to whether or not 6 these pathological changes in the tissue of 7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 1 A. Thank you. 1 THE VIDEOGRAPHER: Going off the record. 1 THE VIDEOGRAPHER: Daing of the record. 1 THE VIDEOGRAPHER: Daing off the record. 1 CROSS-EXAMI	24	reasonable degree of medical certainty, based upon	24	questions.
2 pathologist for over 15 years, your work on this 3 case reviewing the medical records of Ms. Ramirez, 4 all of the work that you've done in the field that 5 we've previously described, as to whether or not 6 these pathological changes in the tissue of 7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 2 THE VIDEOGRAPHER: Going off the record. 3 The time is 11:58 a.m. 4 Lunch break taken 5 THE VIDEOGRAPHER: Going off the record. 6 The time is 11:58 a.m. 4 Lunch break taken 7 CROSS-EXAMINATION BY MR. HUTCHINS 8 Q. Good afternoon, Dr. Iakovlev. 9 A. Good afternoon, 10 Q. My name is Chad Hutchinson and I 11 represent Ethicon and Johnson & Johnson in this 12 case and I'm going to need to ask you some 13 questions, okay? 14 A. Okay. 15 Q. You're a pathologist who works in 16 Canada, is that right? 17 A. That's correct. 18 urinary symptoms for Mr. Ramirez.		Page 151		Page 153
3 case reviewing the medical records of Ms. Ramirez, 4 all of the work that you've done in the field that 5 we've previously described, as to whether or not 6 these pathological changes in the tissue of 7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 3 The time is 11:58 a.m. 4 Lunch break taken 5 THE VIDEOGRAPHER: Back on the record at 1:09 p.m. 7 CROSS-EXAMINATION BY MR. HUTCHINS 6 Q. Good afternoon, Dr. Iakovlev. 9 A. Good afternoon. 10 Q. My name is Chad Hutchinson and I 11 represent Ethicon and Johnson & Johnson in this 12 case and I'm going to need to ask you some 13 questions, okay? 14 A. Okay. 15 A. Okay. 16 Canada, is that right? 17 A. That's correct. 18 Urinary symptoms for Mr. Ramirez. 18 Q. And I believe you told us earlier	1	your knowledge, training, experience, work as a	1	A. Thank you.
4 all of the work that you've done in the field that 5 we've previously described, as to whether or not 6 these pathological changes in the tissue of 7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 4 Lunch break taken THE VIDEOGRAPHER: Back on the record at	2	pathologist for over 15 years, your work on this	2	THE VIDEOGRAPHER: Going off the record.
we've previously described, as to whether or not these pathological changes in the tissue of Ms. Ramirez, that you've just described, are related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: I do. BY MR. ANDERSON: Q. What is that opinion? A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. MR. HUTCHINSON: Objection, foundation. CROSS-EXAMINATION BY MR. HUTCHINSON Q. Good afternoon, Dr. Iakovlev. A. Good afternoon. Q. My name is Chad Hutchinson and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. Okay. Canada, is that right? A. That's correct. A. That's correct. Q. And I believe you told us earlier	3	case reviewing the medical records of Ms. Ramirez,	3	The time is 11:58 a.m.
these pathological changes in the tissue of Ms. Ramirez, that you've just described, are related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: I do. BY MR. ANDERSON: Q. What is that opinion? Q. What is that opinion? A. Okay. A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. 1109 p.m. 7 CROSS-EXAMINATION BY MR. HUTCHINSON Q. Good afternoon, Dr. Iakovlev. A. Good afternoon. Q. My name is Chad Hutchinson and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. Okay. A. Okay. A. Okay. A. That's correct. Q. And I believe you told us earlier	4	all of the work that you've done in the field that	4	Lunch break taken
7 Ms. Ramirez, that you've just described, are 8 related to her clinical symptoms of chronic 9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 7 CROSS-EXAMINATION BY MR. HUTCHINSON 8 Q. Good afternoon, Dr. Iakovlev. 9 A. Good afternoon. 10 urinary symptoms of chronic 11 represent Ethicon and Johnson & Johnson in this 12 case and I'm going to need to ask you some 13 questions, okay? 14 A. Okay. 15 Q. You're a pathologist who works in 16 Canada, is that right? 17 A. That's correct. 18 Urinary symptoms for Mr. Ramirez. 18 Q. And I believe you told us earlier	5	we've previously described, as to whether or not	5	THE VIDEOGRAPHER: Back on the record at
related to her clinical symptoms of chronic vaginal pelvic pain, pain with intercourse and urinary symptoms? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: I do. BY MR. ANDERSON: Q. What is that opinion? Q. Wy name is Chad Hutchinson and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. Okay. A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. Related to her clinical symptoms of chronic questions, Dr. Iakovlev. A. Good afternoon, Dr. Iakovlev. A. Good afternoon. questions and I represent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. Okay. Canada, is that right? A. That's correct. Q. And I believe you told us earlier	6	these pathological changes in the tissue of	6	1:09 p.m.
9 vaginal pelvic pain, pain with intercourse and 10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 9 A. Good afternoon. 10 Q. My name is Chad Hutchinson and I 11 represent Ethicon and Johnson & Johnson in this 12 case and I'm going to need to ask you some 13 questions, okay? 14 A. Okay. 15 Q. You're a pathologist who works in 16 Canada, is that right? 17 A. That's correct. 18 Q. And I believe you told us earlier	7	Ms. Ramirez, that you've just described, are	7	CROSS-EXAMINATION BY MR. HUTCHINSON
10 urinary symptoms? 11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms? 10 Q. My name is Chad Hutchinson and I 11 represent Ethicon and Johnson & Johnson in this 12 case and I'm going to need to ask you some 13 questions, okay? 14 A. Okay. 15 Q. You're a pathologist who works in 16 Canada, is that right? 17 A. That's correct. 18 Q. And I believe you told us earlier	8	related to her clinical symptoms of chronic	8	Q. Good afternoon, Dr. Iakovlev.
MR. HUTCHINSON: Objection, foundation. THE DEPONENT: I do. BY MR. ANDERSON: Q. What is that opinion? A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. In perpresent Ethicon and Johnson & Johnson in this case and I'm going to need to ask you some questions, okay? A. Okay. Q. You're a pathologist who works in Canada, is that right? A. That's correct. Q. And I believe you told us earlier	9	vaginal pelvic pain, pain with intercourse and	9	A. Good afternoon.
11 MR. HUTCHINSON: Objection, foundation. 12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 11 represent Ethicon and Johnson & Johnson in this 12 case and I'm going to need to ask you some 13 questions, okay? 14 A. Okay. 15 Q. You're a pathologist who works in 16 Canada, is that right? 17 A. That's correct. 18 Q. And I believe you told us earlier	10		10	Q. My name is Chad Hutchinson and I
12 THE DEPONENT: I do. 13 BY MR. ANDERSON: 14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 19 case and I'm going to need to ask you some 10 questions, okay? 11 A. Okay. 12 Case and I'm going to need to ask you some 13 questions, okay? 14 A. Okay. 15 Q. You're a pathologist who works in 16 Canada, is that right? 17 A. That's correct. 18 Q. And I believe you told us earlier	11		11	represent Ethicon and Johnson & Johnson in this
14 Q. What is that opinion? 15 A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 14 A. Okay. 15 Q. You're a pathologist who works in 16 Canada, is that right? 17 A. That's correct. 18 Q. And I believe you told us earlier	12		12	case and I'm going to need to ask you some
A. My opinion is that the mesh and 16 mesh-related changes in the tissue caused chronic 17 pelvic vaginal pain, pain with intercourse and 18 urinary symptoms for Mr. Ramirez. 19 Q. You're a pathologist who works in 19 Canada, is that right? 10 A. That's correct. 10 Q. You're a pathologist who works in 11 Canada, is that right? 12 Q. You're a pathologist who works in 13 Canada, is that right? 14 Q. And I believe you told us earlier	13	BY MR. ANDERSON:	13	questions, okay?
A. My opinion is that the mesh and mesh-related changes in the tissue caused chronic pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. 15 Q. You're a pathologist who works in Canada, is that right? A. That's correct. Q. And I believe you told us earlier	14	Q. What is that opinion?	14	A. Okay.
16mesh-related changes in the tissue caused chronic16Canada, is that right?17pelvic vaginal pain, pain with intercourse and17A. That's correct.18urinary symptoms for Mr. Ramirez.18Q. And I believe you told us earlier	15	*	15	Q. You're a pathologist who works in
pelvic vaginal pain, pain with intercourse and urinary symptoms for Mr. Ramirez. 17 A. That's correct. 18 Q. And I believe you told us earlier	16		16	
18 urinary symptoms for Mr. Ramirez. 18 Q. And I believe you told us earlier		· ·	17	_
	18		18	Q. And I believe you told us earlier
Q. And do you have an opinion, based 19 this morning that you grew up in Russia?	19	Q. And do you have an opinion, based	19	this morning that you grew up in Russia?
20 upon your background, training, experience, and 20 A. That's correct.	20		20	
21 all of your work in this case, as to whether or 21 Q. And you served in the Russian			21	Q. And you served in the Russian
22 not the pieces of mesh that are still in 22 military?	22		22	
23 Ms. Ramirez's body will continue to present a risk 23 MR. ANDERSON: Objection.	23	•	23	MR. ANDERSON: Objection.
24 for other complications and changes in her tissue? 24 THE DEPONENT: Yes, I did.	24		24	THE DEPONENT: Yes, I did.

39 (Pages 150 to 153)

	Page 154		Page 156
1	BY MR. HUTCHINSON:	1	A. That's correct.
2	Q. And we're in Canada right now, is	2	Q. And that's another company that
3	that right?	3	makes mesh?
4	A. That's correct.	4	A. That's correct.
5	Q. Now, Dr. Iakovlev, the jury who is	5	Q. And you've testified against Boston
6	watching this video is from Texas. You've never	6	Scientific haven't you?
7	practiced medicine in Texas have you?	7	A. I did.
8	A. No.	8	Q. Another company that makes mesh?
9	Q. You've never been to Texas?	9	A. That's correct.
10	A. Just in the airport.	10	Q. And now you're giving testimony
11	Q. And, Doctor, you've been licensed to	11	against Ethicon, is that right?
12	practiced medicine in the State of Texas have you?	12	A. That's correct.
13	A. Not in the state of Texas.	13	Q. In fact you've always testified for
14	Q. In fact, Doctor, let's be more	14	the plaintiffs against any manufacturer of mesh
15	specific, you've never practiced medicine anywhere	15	products, is that correct, sir.
16	in the United States have you?	16	A. I always testified for the patients.
17	A. That's correct.	17	I think it's natural for a doctor.
18	Q. And you applied for a residency	18	Q. And, Doctor, you charge \$475 an hour
19	program in the USA didn't you?	19	for your time, is that correct?
20	A. I applied to both, to Canada and	20	A. That's correct.
21	residency at the same time.	21	Q. How many years have you been doing
22	Q. That's correct. And you didn't get	22	this, Dr. Iakovley?
23	in the USA did you?	23	MR. ANDERSON: Objection to form.
24	A. That's not correct. I got into	24	THE DEPONENT: Um, I became involved
	Page 155		Page 157
1	pathology residency in Canada, because when the	1	first I became involved in the mesh research in
2	match happens you can get only one spot.	2	2012. And then I became in mesh litigation,
3	Q. But you applied for a residency	3	without knowing this there is litigation. I was
4	program in the United States, is that correct?	4	just called to examine something for litigation in
5	A. That's correct.	5	January 11 11 11 11 11 11 11 11 11 11 11 11 11
6			2013.
7	MR. ANDERSON: Just show my objection to	6	2013. BY MR. HUTCHINSON:
	MR. ANDERSON: Just show my objection to this entire line of questions.	6 7	BY MR. HUTCHINSON:
8	this entire line of questions.	7	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you
8	this entire line of questions. BY MR. HUTCHINSON:	1	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how
	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the	7	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in
9	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct?	7 8 9	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done?
9 10	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the	7 8 9 10	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in
9 10 11	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection.	7 8 9 10 11	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time
9 10 11 12	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON:	7 8 9 10 11 12	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as
9 10 11 12 13	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON: Q. And, Dr. Iakovlev, I want to talk	7 8 9 10 11 12 13	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as nonresponsive. Dr. Iakovlev
9 10 11 12 13 14	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON:	7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as
9 10 11 12 13 14 15	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON: Q. And, Dr. Iakovlev, I want to talk about your history as an expert witness in the	7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: He's trying to give you a
9 10 11 12 13 14 15	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON: Q. And, Dr. Iakovlev, I want to talk about your history as an expert witness in the mesh litigation. You've testified for the	7 8 9 10 11 12 13 14 15	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: He's trying to give you a summary and break it down.
9 10 11 12 13 14 15 16	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON: Q. And, Dr. Iakovlev, I want to talk about your history as an expert witness in the mesh litigation. You've testified for the plaintiffs against American Medical Systems, AMS,	7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: He's trying to give you a summary and break it down. MR. HUTCHINSON: I understand that.
9 10 11 12 13 14 15 16 17	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON: Q. And, Dr. Iakovlev, I want to talk about your history as an expert witness in the mesh litigation. You've testified for the plaintiffs against American Medical Systems, AMS, is that right?	7 8 9 10 11 12 13 14 15 16 17	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: He's trying to give you a summary and break it down. MR. HUTCHINSON: I understand that. BY MR. HUTCHINSON:
9 10 11 12 13 14 15 16 17 18	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON: Q. And, Dr. Iakovlev, I want to talk about your history as an expert witness in the mesh litigation. You've testified for the plaintiffs against American Medical Systems, AMS, is that right? A. That's correct.	7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: He's trying to give you a summary and break it down. MR. HUTCHINSON: I understand that. BY MR. HUTCHINSON: Q. But I need you to give me in total
9 10 11 12 13 14 15 16 17 18 19 20	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON: Q. And, Dr. Iakovlev, I want to talk about your history as an expert witness in the mesh litigation. You've testified for the plaintiffs against American Medical Systems, AMS, is that right? A. That's correct. Q. And that's one company that makes	7 8 9 10 11 12 13 14 15 16 17 18 19 20	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: He's trying to give you a summary and break it down. MR. HUTCHINSON: I understand that. BY MR. HUTCHINSON: Q. But I need you to give me in total how much money that you've made in U.S. currency
9 10 11 12 13 14 15 16 17 18 19 20 21	this entire line of questions. BY MR. HUTCHINSON: Q. And you never participated in the residency program in the United States, correct? MR. ANDERSON: Objection. THE DEPONENT: That's correct. BY MR. HUTCHINSON: Q. And, Dr. Iakovlev, I want to talk about your history as an expert witness in the mesh litigation. You've testified for the plaintiffs against American Medical Systems, AMS, is that right? A. That's correct. Q. And that's one company that makes mesh?	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. So, Dr. Iakovlev, let me ask you this. Since 2013 why don't you tell the jury how much money in U.S. currency that you've made in total from all the mesh work that you've done? A. Um, I don't know for the 2015. Last time Q. I'm sorry, move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: He's trying to give you a summary and break it down. MR. HUTCHINSON: I understand that. BY MR. HUTCHINSON: Q. But I need you to give me in total how much money that you've made in U.S. currency giving testimony against mesh manufacturers since

40 (Pages 154 to 157)

	Page 158		Page 160
1	Iakovlev, you can answer the question. We're not	1	And he says he doesn't know for '15. What part of
2	going to have the interruptions. You ask the	2	that didn't you understand?
3	question, if you don't think it's responsive you	3	BY MR. HUTCHINSON:
4	move to strike but we're not going to do this,	4	Q. Dr. Iakovlev, you can answer the
5	Chad.	5	question?
6	MR. HUTCHINSON: That's exactly what I	6	MR. ANDERSON: Answer the question.
7	did and he didn't answer the question.	7	THE DEPONENT: I will just repeat it
8	MR. FREESE: No, you interrupted him.	8	again. I cannot give you total number. I can
9	MR. HUTCHINSON: No, I didn't.	9	give you total number up to the year I completed
10	MR. FREESE: Yes, you did. You	10	my taxes.
11	interrupted him. So you're going to ask the	11	BY MR. HUTCHINSON:
12	question, the doctor is going to answer and then	12	Q. And what year did you complete your
13	you're either going to move on to another question	13	taxes?
14	or you're going to move to strike as	14	A. 2014.
15	nonresponsive. But you're not going to interrupt	15	Q. And what is that amount up until
16	the witness and he's not going to interrupt you.	16	2014?
17	MR. HUTCHINSON: I didn't interrupt the	17	A. 170,000.
18	witness.	18	Q. Doctor, from 2014 until now, April
19	MR. FREESE: Yes, you did. You	19	2016, you've made over a million dollars in U.S.
20	absolutely did.	20	currency haven't you?
21	BY MR. HUTCHINSON:	21	A. I don't think so. I don't know.
22	Q. Dr. Iakovlev, you can answer the	22	Q. You can't answer that question?
23	question.	23	A. I can't answer that question.
24	A. I can only tell you up to 2014	24	Q. For the Ramirez case, Dr. Iakovlev,
	Page 159		Page 161
1	because I've done taxes only for 2014. I haven't	1	how much time have you spent on the Ramirez case?
2	done taxes for 2015 yet.	2	A. Um, you have my billing. It
3	Q. Move to strike as nonresponsive.		A. UIII. VOU HAVE HIV DIHIHIS. IL
	O. MOVE TO SHIKE AS HOHIESDOHISIVE.	3	
4		3 4	describes everything.
4 5	Dr. Iakovlev, my question is since 2013		describes everything. Q. Move to strike as nonresponsive.
	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in	4	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you
5	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation	4 5	describes everything. Q. Move to strike as nonresponsive.
5 6 7	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in.	4 5 6	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of
5 6	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead.	4 5 6 7	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours
5 6 7 8	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in.	4 5 6 7 8	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of
5 6 7 8 9	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I	4 5 6 7 8 9	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told
5 6 7 8 9	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014.	4 5 6 7 8 9	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report.
5 6 7 8 9 10	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON:	4 5 6 7 8 9 10	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is
5 6 7 8 9 10 11	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before	4 5 6 7 8 9 10 11	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct?
5 6 7 8 9 10 11 12	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said?	4 5 6 7 8 9 10 11 12 13	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct.
5 6 7 8 9 10 11 12 13 14	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said? A. I just became involved at the end of	4 5 6 7 8 9 10 11 12 13	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct. Q. You're not a clinical pathologist
5 6 7 8 9 10 11 12 13 14 15	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said? A. I just became involved at the end of 2013. I didn't make I don't think I made much	4 5 6 7 8 9 10 11 12 13 14	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct. Q. You're not a clinical pathologist are you?
5 6 7 8 9 10 11 12 13 14 15	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said? A. I just became involved at the end of 2013. I didn't make I don't think I made much or anything in 2013.	4 5 6 7 8 9 10 11 12 13 14 15	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct. Q. You're not a clinical pathologist are you? A. I'm not.
5 6 7 8 9 10 11 12 13 14 15 16	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said? A. I just became involved at the end of 2013. I didn't make I don't think I made much or anything in 2013. Q. But my question, Doctor move to	4 5 6 7 8 9 10 11 12 13 14 15 16	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct. Q. You're not a clinical pathologist are you? A. I'm not. Q. You're not a biochemical pathologist
5 6 7 8 9 10 11 12 13 14 15 16 17	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said? A. I just became involved at the end of 2013. I didn't make I don't think I made much or anything in 2013. Q. But my question, Doctor move to strike as nonresponsive. My question is, I want	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct. Q. You're not a clinical pathologist are you? A. I'm not. Q. You're not a biochemical pathologist are you?
5 6 7 8 9 10 11 12 13 14 15 16 17 18	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said? A. I just became involved at the end of 2013. I didn't make I don't think I made much or anything in 2013. Q. But my question, Doctor move to strike as nonresponsive. My question is, I want to know in total how much money that you've	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct. Q. You're not a clinical pathologist are you? A. I'm not. Q. You're not a biochemical pathologist are you? A. Well, clinical pathologist and
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said? A. I just became involved at the end of 2013. I didn't make I don't think I made much or anything in 2013. Q. But my question, Doctor move to strike as nonresponsive. My question is, I want to know in total how much money that you've received in U.S. currency from being an expert in	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct. Q. You're not a clinical pathologist are you? A. I'm not. Q. You're not a biochemical pathologist are you? A. Well, clinical pathologist and biochemical pathologist are the same thing. Usual
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Dr. Iakovlev, my question is since 2013 tell the jury how much money that you've made in U.S. currency in total in all the mesh litigation that you've been involved in. MR. ANDERSON: Objection. Go ahead. THE DEPONENT: That was my answer. I can give you number only up to 2014. BY MR. HUTCHINSON: Q. You can't give us a number before 2014? Is that what you said? A. I just became involved at the end of 2013. I didn't make I don't think I made much or anything in 2013. Q. But my question, Doctor move to strike as nonresponsive. My question is, I want to know in total how much money that you've received in U.S. currency from being an expert in the mesh litigation since 2013?	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	describes everything. Q. Move to strike as nonresponsive. Dr. Iakovlev, how much time have you spent on the Ramirez case? A. I don't remember exact number of hours. I mean, usually it takes about 20 hours for me to make one expert report. Q. Dr. Iakovlev, this morning you told us that you were an anatomical pathologist, is that correct? A. That's correct. Q. You're not a clinical pathologist are you? A. I'm not. Q. You're not a biochemical pathologist are you? A. Well, clinical pathologist and biochemical pathologist are the same thing. Usual term for United States and Canada is clinical

41 (Pages 158 to 161)

	Page 162		Page 164
1	A. As I said, we don't use that term,	1	the accuracy of that deposition didn't you, sir?
2	biochemical pathologist.	2	MR. ANDERSON: Objection.
3	Q. Doctor	3	THE DEPONENT: Sometimes I do, sometimes
4	A. The correct term the clinical	4	I don't. Sometimes I don't review the
5	pathologist and I'm not clinical pathologist.	5	transcripts.
6	Q. Who doesn't use the term	6	BY MR. HUTCHINSON:
7	"biochemical pathologist"?	7	Q. Doctor, you're not a microbiologist
8	A. Pathologists.	8	either are you?
9	Q. Okay. Doctor, I want to hand you	9	A. That's correct.
10	your deposition from the Jennifer Ramirez case.	10	Q. And you're not a urologist?
11	You testified under oath, didn't you, in the	11	A. I'm not.
12	Jennifer Ramirez case, the case that we're here	12	Q. And you're not a urogynecologist?
13	about today?	13	A. I'm not.
14	A. That's correct.	14	Q. Those are specialties outside of
15	Q. And, Doctor, if you'll turn to page	15	your field. Is that correct, sir?
16	102, line 17. Page 102, line 17. Are you there	16	A. That's correct.
17	with me?	17	Q. And you don't treat or counsel
18	A. Yes, I am.	18	patients who have urinary symptoms like
19	Q. It says, "I don't know. I'm not a	19	Ms. Ramirez do you?
20	treating physician and I'm not a biochemical	20	A. I don't.
21	pathologist." Did I read that correctly, sir?	21	Q. And you don't counsel or treat
22	A. You do.	22	patients who have dyspareunia do you?
23	Q. Those are your own words aren't	23	A. I don't.
24	they?	24	Q. And you don't prescribe medicine for
	Page 163		Page 165
1	A. I don't know. That's what	1	pelvic pain do you, Dr. Iakovlev?
2	transcript said. I don't know if I said that	2	A. I don't.
3	because it's not our usual term. It says clinical	3	Q. And you don't implant mesh do you,
4	pathologist.	4	sir?
5	Q. Dr. Iakovlev, are you telling the	5	A. I don't.
6	jury that the transcript for the Jennifer Ramirez	6	
7	· ·		O. And you don't explant mesh do you,
	case is wrong?	7	Q. And you don't explant mesh do you, sir?
8	case is wrong? A. Could be because it's not our usual		
8	case is wrong? A. Could be because it's not our usual term.	7	sir? A. I don't.
	A. Could be because it's not our usual term.	7 8	sir? A. I don't. Q. I want to talk specifically about
9	A. Could be because it's not our usual term. Q. Do you have any evidence,	7 8 9	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay?
9 10	A. Could be because it's not our usual term.	7 8 9	sir? A. I don't. Q. I want to talk specifically about
9 10 11	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is	7 8 9 10 11	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O
9 10 11 12	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead.	7 8 9 10 11 12	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay.
9 10 11 12 13	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong?	7 8 9 10 11 12 13	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right?
9 10 11 12 13 14	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead. THE DEPONENT: No, I'm just that this is	7 8 9 10 11 12 13 14	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right? A. That's correct.
9 10 11 12 13 14	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead. THE DEPONENT: No, I'm just that this is not an accepted term. The subspecialties in	7 8 9 10 11 12 13 14	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right? A. That's correct. Q. And you don't know whether her
9 10 11 12 13 14 15	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead. THE DEPONENT: No, I'm just that this is not an accepted term. The subspecialties in pathology are anatomical pathology and clinical	7 8 9 10 11 12 13 14 15	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right? A. That's correct. Q. And you don't know whether her incontinence was cured or fixed by the TVT-O do
9 10 11 12 13 14 15 16	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead. THE DEPONENT: No, I'm just that this is not an accepted term. The subspecialties in pathology are anatomical pathology and clinical pathology.	7 8 9 10 11 12 13 14 15 16	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right? A. That's correct. Q. And you don't know whether her incontinence was cured or fixed by the TVT-O do you?
9 10 11 12 13 14 15 16 17	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead. THE DEPONENT: No, I'm just that this is not an accepted term. The subspecialties in pathology are anatomical pathology and clinical pathology. BY MR. HUTCHINSON:	7 8 9 10 11 12 13 14 15 16 17	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right? A. That's correct. Q. And you don't know whether her incontinence was cured or fixed by the TVT-O do you? A. Well, that's not what purpose of my
9 10 11 12 13 14 15 16 17 18	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead. THE DEPONENT: No, I'm just that this is not an accepted term. The subspecialties in pathology are anatomical pathology and clinical pathology. BY MR. HUTCHINSON: Q. And Dr. Iakovlev, did you sign the	7 8 9 10 11 12 13 14 15 16 17 18	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right? A. That's correct. Q. And you don't know whether her incontinence was cured or fixed by the TVT-O do you? A. Well, that's not what purpose of my expert opinion. I'm not here to testify on the
9 10 11 12 13 14 15 16 17 18 19 20	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead. THE DEPONENT: No, I'm just that this is not an accepted term. The subspecialties in pathology are anatomical pathology and clinical pathology. BY MR. HUTCHINSON: Q. And Dr. Iakovlev, did you sign the errata sheet for your deposition?	7 8 9 10 11 12 13 14 15 16 17 18 19 20	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right? A. That's correct. Q. And you don't know whether her incontinence was cured or fixed by the TVT-O do you? A. Well, that's not what purpose of my expert opinion. I'm not here to testify on the efficacy of the device.
9 10 11 12 13 14 15 16 17 18 19 20 21	A. Could be because it's not our usual term. Q. Do you have any evidence, Dr. Iakovlev, that Ms. Ramirez's transcript is wrong? MR. ANDERSON: Objection. Go ahead. THE DEPONENT: No, I'm just that this is not an accepted term. The subspecialties in pathology are anatomical pathology and clinical pathology. BY MR. HUTCHINSON: Q. And Dr. Iakovlev, did you sign the errata sheet for your deposition? A. For this transcript?	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	sir? A. I don't. Q. I want to talk specifically about Ms. Ramirez for a minute. Okay? A. Okay. Q. Now, you know she received a TVT-O product in September of 2010, is that right? A. That's correct. Q. And you don't know whether her incontinence was cured or fixed by the TVT-O do you? A. Well, that's not what purpose of my expert opinion. I'm not here to testify on the efficacy of the device. Q. Move to strike as nonresponsive.

42 (Pages 162 to 165)

	Page 166		Page 168
1	A. I don't.	1	dyspareunia before September of 2010 does it, sir?
2	Q. And you haven't examined Ms. Ramirez	2	A. No, it doesn't.
3 h	ave you?	3	Q. And you can't tell us what you did
4	A. No, I have not.	4	to rule out any pre-existing dyspareunia can you,
5	Q. You haven't read her deposition have	5	sir?
6 v	rou?	6	A. Yes, I can.
7	A. I have not.	7	Q. Dr. Iakovlev, I want you to look at
8	Q. You haven't talked with her have	8	your deposition again.
9 v	ou?	9	A. Yes.
10	A. I have not.	10	Q. Page 96, line 5.
11	Q. And you haven't talked with any of	11	A. I do.
12 N	Ms. Ramirez's treating doctors have you?	12	Q. And it says, "As we sit here right
13	A. That's correct.	13	now", and by the way, Dr. Iakovlev, you understand
14	Q. So as I understand it you're basing	14	you're under oath right now don't you?
15 v	your opinions on the medical records and your	15	A. I do.
	examination of the explant, is that right?	16	Q. And you understand you were under
17	A. That's correct.	17	oath at the time you gave testimony in
18	Q. Let's talk about the medical records	18	Ms. Ramirez's case didn't you?
19 fe	or just a minute. You asked for all of her	19	A. I do.
	nedical records didn't you?	20	Q. And it says, "As we sit here now you
21	A. Yes, I did.	21	can't tell me what you do to rule out her
22	Q. And then you wrote a report?	22	pre-existing dyspareunia?" And your answer is,
23	A. Well, I examined the specimen as	23	"That's not my job." Did I read that correctly?
24 w	vell after I went through the records.	24	MR. ANDERSON: No. Objection. You have
	Page 167		Page 169
1	Q. Doctor, I want to hand you the	1	to read the entire answer.
2 r	eport that you've done for Jennifer Ramirez and	2	MR. HUTCHINSON: I'm not finished yet
	ve'll mark it as defendant's Exhibit 1.	3	MR. ANDERSON: You said, "Did I read
4	DEFENSE EXHIBIT NO. 1: Expert		
		4	that correctly?"
5	report of Dr. Vladimir Iakovlev re.	4 5	that correctly?" BY MR. HUTCHINSON:
5 6	report of Dr. Vladimir Iakovlev re. Jennifer Ramirez, dated April 24, 2015.		·
	•	5	BY MR. HUTCHINSON:
6	Jennifer Ramirez, dated April 24, 2015.	5 6	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev?
6 7 8	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON:	5 6 7	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read
6 7 8	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that	5 6 7 8	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer
6 7 8 9 y	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir?	5 6 7 8 9	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you.
6 7 8 9 y 10	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is.	5 6 7 8 9	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you
6 7 8 9 y 10	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary	5 6 7 8 9 10 11	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished?
6 7 8 9 y 10 11 12 o	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right?	5 6 7 8 9 10 11 12	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet.
6 7 8 9 y 10 11 12 0 13 14	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes.	5 6 7 8 9 10 11 12	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev?
6 7 8 9 y 10 11 12 0 13 14 15 a	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes. Q. And your summary doesn't say	5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev? A. Yes, I'm finished.
6 7 8 9 y 10 11 12 0 13 14 15 a	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes. Q. And your summary doesn't say anything about Ramirez Ms. Ramirez having	5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev? A. Yes, I'm finished. Q. Dr. Iakovlev, that wasn't your job to rule out pre-existing dyspareunia was it? A. Okay. Let me read the entire
6 7 8 9 y 10 11 12 o 13 14 15 a 16 d	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes. Q. And your summary doesn't say anything about Ramirez Ms. Ramirez having dyspareunia before September of 2010, does it?	5 6 7 8 9 10 11 12 13 14 15	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev? A. Yes, I'm finished. Q. Dr. Iakovlev, that wasn't your job to rule out pre-existing dyspareunia was it?
6 7 8 9 y 10 11 12 o 13 14 15 a 16 d	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes. Q. And your summary doesn't say anything about Ramirez Ms. Ramirez having lyspareunia before September of 2010, does it? A. Just give me a second and I'll go to	5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev? A. Yes, I'm finished. Q. Dr. Iakovlev, that wasn't your job to rule out pre-existing dyspareunia was it? A. Okay. Let me read the entire
6 7 8 9 y 10 11 12 0 13 14 15 a 16 d 17 18 th 19	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes. Q. And your summary doesn't say anything about Ramirez Ms. Ramirez having dyspareunia before September of 2010, does it? A. Just give me a second and I'll go to the summary.	5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev? A. Yes, I'm finished. Q. Dr. Iakovlev, that wasn't your job to rule out pre-existing dyspareunia was it? A. Okay. Let me read the entire paragraph. I would have to look Q. Excuse me, I'm going to move to strike as nonresponsive.
6 7 8 9 y 10 11 12 0 13 14 15 a 16 d 17 18 tl 19 20 it	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes. Q. And your summary doesn't say anything about Ramirez Ms. Ramirez having alyspareunia before September of 2010, does it? A. Just give me a second and I'll go to the summary. Q. Doctor, I'm going to help you out,	5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev? A. Yes, I'm finished. Q. Dr. Iakovlev, that wasn't your job to rule out pre-existing dyspareunia was it? A. Okay. Let me read the entire paragraph. I would have to look Q. Excuse me, I'm going to move to
6 7 8 9 y 10 11 12 0 13 14 15 a 16 d 17 18 th 19 20 if 21 re 22	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes. Q. And your summary doesn't say anything about Ramirez Ms. Ramirez having alyspareunia before September of 2010, does it? A. Just give me a second and I'll go to the summary. Q. Doctor, I'm going to help you out, it's on the first page of your case-specific eport. A. I found it. This is my summary.	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev? A. Yes, I'm finished. Q. Dr. Iakovlev, that wasn't your job to rule out pre-existing dyspareunia was it? A. Okay. Let me read the entire paragraph. I would have to look Q. Excuse me, I'm going to move to strike as nonresponsive. MR. FREESE: You're doing what I just asked you not to do.
6 7 8 9 y 10 11 12 0 13 14 15 a 16 d 17 18 tl 19 20 it 21 re 22 23	Jennifer Ramirez, dated April 24, 2015. BY MR. HUTCHINSON: Q. That's a copy of your report that you did for Jennifer Ramirez isn't it, sir? A. Yes, it is. Q. And your report includes a summary of clinical records, is that right? A. Yes. Q. And your summary doesn't say anything about Ramirez Ms. Ramirez having alyspareunia before September of 2010, does it? A. Just give me a second and I'll go to the summary. Q. Doctor, I'm going to help you out, t's on the first page of your case-specific eport.	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. Are you following me, Dr. Iakovlev? A. I'm following you but I have to read the whole sequence of questions before I answer you. Q. Fine. Dr. Iakovlev, are you finished? A. Not yet. Q. Are you finished Dr. Iakovlev? A. Yes, I'm finished. Q. Dr. Iakovlev, that wasn't your job to rule out pre-existing dyspareunia was it? A. Okay. Let me read the entire paragraph. I would have to look Q. Excuse me, I'm going to move to strike as nonresponsive. MR. FREESE: You're doing what I just

43 (Pages 166 to 169)

	Page 170		Page 172
1	MR. FREESE: He's speaking.	1	Q. And you don't know whether
2	BY MR. HUTCHINSON:	2	Ms. Ramirez had any type of pelvic pain before
3	Q. My question is very simple.	3	2010 do you?
4	MR. FREESE: We're going to	4	A. I do. She had some pelvic pain
5	MR. HUTCHINSON: My question is if he	5	related to her benign tumors in the uterus, and
6	was finished or not.	6	she had pain from menstrual periods.
7	MR. FREESE: Chad, we're going to be	7	Q. And I'm sorry. Were you
8	civil with each other and we're going to go by the	8	finished?
9	rules. He was speaking and you interrupted him.	9	A. That's why the uterus was removed.
10	He is going to answer the question the best way he	10	Q. Doctor, I want to hand you what
11	can. You then can move to strike or not. Go	11	we'll mark as defense Exhibit 2 to your
12	ahead, Doctor. If you want to withdraw the	12	deposition.
13	question and ask it again and let him answer	13	DEFENSE EXHIBIT NO. 2: Medical
14	that's fine.	14	report from Baptist Health System re.
15	BY MR. HUTCHINSON:	15	Jennifer Galindo dated 1/21/2015.
16	Q. My question is, Dr. Iakovlev, are	16	Bates labelled RAMIREZJ_BAHSY_MDR00564.
17	you finished reading your deposition testimony?	17	BY MR. HUTCHINSON:
18	A. Those two pages?	18	Q. You've seen this record before
19	Q. Yes. Are you finished reading them?	19	haven't you, sir?
20	A. Yes, I finished.	20	A. Yes, I have.
21	Q. Dr. Iakovlev, it wasn't your job to	21	Q. And if we look at the middle where
22	rule out pre-existing dyspareunia was it?	22	it says, "Chief complaint, very heavy menstrual
23	A. So I will read you my answer that I	23	periods. Pelvic pain." Did I read that
24	gave at the deposition.	24	correctly, sir?
	Page 171		Page 173
1			
1	"That is not my job. My job is to	1	A. That's correct. That's what I just
2	examine the pathology so the clinician	2	said.
3	who worked up the patient, their		
		3	Q. And this medical record shows that
4	decision was to remove the source of	4	Ms. Ramirez had pelvic pain before she received
5	decision was to remove the source of pain. And they identified source of	4 5	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir?
5 6	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received	4 5 6	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct.
5 6 7	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong.	4 5 6 7	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if
5 6 7 8	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and	4 5 6 7 8	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received
5 6 7 8 9	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The	4 5 6 7 8 9	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do
5 6 7 8 9	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that	4 5 6 7 8 9	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you?
5 6 7 8 9 10	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen."	4 5 6 7 8 9 10	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when
5 6 7 8 9 10 11	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after	4 5 6 7 8 9 10 11	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain.
5 6 7 8 9 10 11 12	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job".	4 5 6 7 8 9 10 11 12	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez
5 6 7 8 9 10 11 12 13 14	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether	4 5 6 7 8 9 10 11 12 13	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device
5 6 7 8 9 10 11 12 13 14	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do	4 5 6 7 8 9 10 11 12 13 14 15	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that
5 6 7 8 9 10 11 12 13 14 15	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do you?	4 5 6 7 8 9 10 11 12 13 14 15	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that correct?
5 6 7 8 9 10 11 12 13 14 15 16	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do you? A. I don't remember now. If it was in	4 5 6 7 8 9 10 11 12 13 14 15 16	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that correct? A. That's correct.
5 6 7 8 9 10 11 12 13 14 15 16 17	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do you? A. I don't remember now. If it was in the record I probably saw it but as I said, my	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that correct? A. That's correct. Q. That's just basically another type
5 6 7 8 9 10 11 12 13 14 15 16 17 18	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do you? A. I don't remember now. If it was in the record I probably saw it but as I said, my focus and excised specimen.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that correct? A. That's correct. Q. That's just basically another type of implant that she received in her pelvic area,
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do you? A. I don't remember now. If it was in the record I probably saw it but as I said, my focus and excised specimen. Q. And, Doctor, you don't know whether	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that correct? A. That's correct. Q. That's just basically another type of implant that she received in her pelvic area, is that right?
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do you? A. I don't remember now. If it was in the record I probably saw it but as I said, my focus and excised specimen. Q. And, Doctor, you don't know whether Ms. Ramirez had urinary tract infections before	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that correct? A. That's correct. Q. That's just basically another type of implant that she received in her pelvic area, is that right? MR. ANDERSON: Objection.
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do you? A. I don't remember now. If it was in the record I probably saw it but as I said, my focus and excised specimen. Q. And, Doctor, you don't know whether Ms. Ramirez had urinary tract infections before 2010 do you?	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that correct? A. That's correct. Q. That's just basically another type of implant that she received in her pelvic area, is that right? MR. ANDERSON: Objection. THE DEPONENT: Yes, it was coils
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	decision was to remove the source of pain. And they identified source of pain in the mesh area. When I received the specimen there was nothing wrong. The only abnormality was mesh and tissue reaction to foreign body. The mesh itself was a disease in that specimen." Q. Move to strike everything after "that's not my job". Dr. Iakovlev, you don't know whether Ms. Ramirez had vaginal infections before 2010 do you? A. I don't remember now. If it was in the record I probably saw it but as I said, my focus and excised specimen. Q. And, Doctor, you don't know whether Ms. Ramirez had urinary tract infections before	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Ms. Ramirez had pelvic pain before she received the TVT-O. Is that correct, sir? A. That's correct. Q. And, Doctor, you don't know if Ms. Ramirez had multiple exams after she received the TVT-O where she didn't complain of pain, do you? A. Yeah, she had some periods when there was no pain. Q. And, Doctor, before Ms. Ramirez received the TVT-O she also had another device called an Essure device implanted, is that correct? A. That's correct. Q. That's just basically another type of implant that she received in her pelvic area, is that right? MR. ANDERSON: Objection.

44 (Pages 170 to 173)

	Page 174		Page 176
1	BY MR. HUTCHINSON:	1	THE DEPONENT: Same answer.
2	Q. And you don't know what the Essure	2	BY MR. HUTCHINSON:
3	device was made of do you?	3	Q. Is it a yes or no? Can you tell us
4	A. It's metal.	4	the name of the doctor who implanted the TVT-O
5	Q. You don't know the type of metal do	5	device in Ms. Ramirez?
6	you?	6	A. I don't want to guess. I want to
7	A. I don't know the specific type of	7	have record in front of me.
8	metal.	8	Q. Is that a no?
9	Q. And you don't know the rate of	9	A. That was my answer.
10	pelvic pain associated with this metal device in	10	Q. Doctor, you didn't read any of the
11	her pelvic area do you?	11	doctor depositions from Ms. Ramirez, did you?
12	A. No, I don't know the exact	12	A. That's correct.
13	percentage.	13	Q. And you don't know what the
14	Q. And, Doctor, there will always be a	14	implanting doctor said about how the sling was
15	foreign body response to any implant in the body,	15	placed, do you?
16	is that correct?	16	A. Well, I can see what was in the
17	A. Yes, it will be variable but there	17	record at the time of implantation.
18	will be always a foreign body response.	18	Q. But my question is you don't know
19	Q. That would include a medical a	19	what the implanting doctor said in his deposition
20	metal, M-E-T-A-L, I'm sorry, metal object wouldn't	20	about where the sling was placed, do you?
21	it?	21	A. Not in deposition. Deposition
22	A. Yes, it will.	22	happened years after implantation.
23	Q. And it would include a TVT-O product	23	Q. And you don't know what
24	wouldn't it, sir?	24	Ms. Ramirez's doctors said in their deposition
	Page 175		Page 177
		1	rage 177
1	A It would	1	
1 2	A. It would. O. Now, let's talk about Ms. Ramirez's	1 2	about whether or not the mesh curled, do you?
	Q. Now, let's talk about Ms. Ramirez's	1 2 3	about whether or not the mesh curled, do you? A. I don't know what was said.
2 3	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was	2	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form.
2 3 4	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right?	2	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected.
2 3	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete.	2 3 4	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON:
2 3 4 5	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about	2 3 4 5	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He
2 3 4 5 6 7	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you	2 3 4 5 6 7	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is
2 3 4 5 6	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about	2 3 4 5 6	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct?
2 3 4 5 6 7 8	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT	2 3 4 5 6 7 8	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is
2 3 4 5 6 7 8	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez?	2 3 4 5 6 7 8	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I
2 3 4 5 6 7 8 9	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean,	2 3 4 5 6 7 8 9	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report.
2 3 4 5 6 7 8 9 10	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to	2 3 4 5 6 7 8 9 10	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name,
2 3 4 5 6 7 8 9 10 11	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record.	2 3 4 5 6 7 8 9 10 11	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's
2 3 4 5 6 7 8 9 10 11 12 13	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find	2 3 4 5 6 7 8 9 10 11 12 13	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery?
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find out the name of the doctor who implanted the TVT	2 3 4 5 6 7 8 9 10 11 12 13 14	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery? MR. ANDERSON: Counsel, objection. As a
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find out the name of the doctor who implanted the TVT device in Ms. Ramirez?	2 3 4 5 6 7 8 9 10 11 12 13 14	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery? MR. ANDERSON: Counsel, objection. As a matter of fairness if you want him to talk about
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find out the name of the doctor who implanted the TVT device in Ms. Ramirez? MR. ANDERSON: Objection.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery? MR. ANDERSON: Counsel, objection. As a matter of fairness if you want him to talk about the records put the records in front of him and
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find out the name of the doctor who implanted the TVT device in Ms. Ramirez? MR. ANDERSON: Objection. THE DEPONENT: Of course. I review the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery? MR. ANDERSON: Counsel, objection. As a matter of fairness if you want him to talk about the records put the records in front of him and stop the guessing game. We want to get to what he
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find out the name of the doctor who implanted the TVT device in Ms. Ramirez? MR. ANDERSON: Objection. THE DEPONENT: Of course. I review the record I see what's the name of the physician but	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery? MR. ANDERSON: Counsel, objection. As a matter of fairness if you want him to talk about the records put the records in front of him and stop the guessing game. We want to get to what he knows. Just put the records in front of him.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find out the name of the doctor who implanted the TVT device in Ms. Ramirez? MR. ANDERSON: Objection. THE DEPONENT: Of course. I review the record I see what's the name of the physician but I don't want to guess. I want to have records in	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery? MR. ANDERSON: Counsel, objection. As a matter of fairness if you want him to talk about the records put the records in front of him and stop the guessing game. We want to get to what he knows. Just put the records in front of him. MR. HUTCHINSON: Your objection is
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find out the name of the doctor who implanted the TVT device in Ms. Ramirez? MR. ANDERSON: Objection. THE DEPONENT: Of course. I review the record I see what's the name of the physician but I don't want to guess. I want to have records in front of me and read it from the record.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery? MR. ANDERSON: Counsel, objection. As a matter of fairness if you want him to talk about the records put the records in front of him and stop the guessing game. We want to get to what he knows. Just put the records in front of him. MR. HUTCHINSON: Your objection is noted.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Now, let's talk about Ms. Ramirez's treating doctors for a minute. Dr. Reyes, he was the doctor who implanted the TVT-O, is that right? A. The document is not complete. Q. I'm not asking you a question about that document. I'm asking you whether or not you know the name of the doctor who implanted the TVT device in Ms. Ramirez? A. I don't remember all names. I mean, I review so many records I just don't want to guess. I want to read it from the record. Q. Did you ever make an effort to find out the name of the doctor who implanted the TVT device in Ms. Ramirez? MR. ANDERSON: Objection. THE DEPONENT: Of course. I review the record I see what's the name of the physician but I don't want to guess. I want to have records in front of me and read it from the record. BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	about whether or not the mesh curled, do you? A. I don't know what was said. MS. VERBEEK: Objection to form. MR. ANDERSON: She objected. BY MR. HUTCHINSON: Q. And let's talk about Dr. Graham. He was the doctor that did the revision surgery, is that correct? A. Again, I don't want do guess. I want to have excision operative report. Q. Can you tell us the name, Dr. Iakovlev, of the doctor who did Ms. Ramirez's revision surgery? MR. ANDERSON: Counsel, objection. As a matter of fairness if you want him to talk about the records put the records in front of him and stop the guessing game. We want to get to what he knows. Just put the records in front of him. MR. HUTCHINSON: Your objection is noted. MR. ANDERSON: Well, objection. It's

45 (Pages 174 to 177)

Page 178 Page 180 1 THE DEPONENT: I don't want to play 1 A. Yes, he was. 2 Q. And you remember his name but you 2 memory game or I don't want to guess. If we 3 discuss the record I want to have record in front 3 don't remember the other doctor's names. Is that 4 4 fair to say? 5 5 BY MR. HUTCHINSON: MR. ANDERSON: Same objection. 6 6 Q. And, Doctor, do you know when the THE DEPONENT: Again, if we want to go 7 7 doctor who did the revision surgery took out a 1 to specific surgeries, to specific date, specific 8 centimeter piece of mesh? 8 names I would like to see the record in front of 9 A. Again, I would like to see the 9 me. 10 10 explanting operative report. If we want to BY MR. HUTCHINSON: 11 discuss specific details of the surgery I need to 11 Q. And, Doctor, you know that Dr. 12 12 see the record. Zimmern took out mesh in March of 2015, is that 13 13 Q. And Doctor, if the record shows that right? MR. ANDERSON: Objection. 14 on December 22nd, 2010, that some mesh was 14 15 explanted would you have any reason to dispute 15 THE DEPONENT: I want to see the record. 16 16 If we're discussing specific procedure I need to 17 17 MR. ANDERSON: Same objection. see the medical record. 18 THE DEPONENT: Same objection. If you 18 BY MR. HUTCHINSON: 19 19 want to have specific numbers, specific dates, Q. Okay. And, Doctor, you looked at an explant that was taken out of Ms. Ramirez didn't 20 specific names I want to see the original record. 20 21 BY MR. HUTCHINSON: 21 you? 22 22 Q. Doctor, you didn't review the A. Yes, I did. 23 pathology from December of 2010, did you? 23 Q. And do you know the date that the 24 24 A. You mean specimen? explant was taken out of Ms. Ramirez? Page 179 Page 181 1 1 Q. Yes. A. It was March 2015. Exact day, again 2 A. I believe there was no specimen, no 2 I would have to check with my -- so it was March 3 3 pathological examination. 10th, 2015. 4 4 Q. And you didn't read what Dr. Graham Q. And you never saw the mesh when it said about where or how the sling was placed in 5 5 was in Ms. Ramirez's body did you, sir? 6 6 Ms. Ramirez, did you? 7 7 A. You mean I did not read it in O. And if Dr. Zimmern testified under 8 oath that the mesh was flat when he took it out 8 medical records or I did not --9 9 you'd disagree with him wouldn't you? Q. No, the deposition. 10 MR. ANDERSON: Objection. 10 MR. ANDERSON: Objection. Go ahead. 11 11 THE DEPONENT: One part was definitely Asked and answered. 12 THE DEPONENT: I told you I don't review 12 not flat. That's how it works in medicine, depositions. 13 13 treating physicians they have their opinions but 14 14 BY MR. HUTCHINSON: pathologists can find something else. I mean, 15 15 otherwise we wouldn't be employed in the hospital. Q. And you don't know what Dr. Graham 16 16 said about whether or not the mesh curled do you, We wouldn't be needed. 17 sir? 17 BY MR. HUTCHINSON: 18 MR. ANDERSON: Objection. 18 Q. Move to strike as nonresponsive. 19 THE DEPONENT: I gave you an answer. I 19 My question, Doctor, if Dr. Zimmern 20 review what is in the records. I don't review 20 testified under oath that the mesh was flat when 21 21 depositions. he took it out you'd disagree with him wouldn't 22 22 BY MR. HUTCHINSON: you? 23 23 MR. ANDERSON: Objection to form. Asked Q. Dr. Zimmern, he was another doctor 24 24 that did a surgery wasn't he? and answered. Go ahead.

46 (Pages 178 to 181)

1	Page 182		Page 184
	THE DEPONENT: I would and it's a pretty	1	DEFENSE EXHIBIT NO. 3: Patient
2	common situation when pathologists disagree on	2	record from UT Southwestern Medical
3	some points with the clinicians.	3	Center re. Jennifer Ramirez, printed on
4	BY MR. HUTCHINSON:	4	4/6/2015. Bates labelled
5	Q. And if Dr. Zimmern testified there	5	RAMIREZJ_UTSMC_MDR00311.
6	was no evidence of fraying or curling you'd	6	BY MR. HUTCHINSON:
7	disagree with him wouldn't you, sir?	7	Q. But before we go there your
8	MR. ANDERSON: Same objection.	8	specialty is not reviewing ultrasounds, is that
9	THE DEPONENT: I would.	9	correct?
10	BY MR. HUTCHINSON:	10	A. No, that's correct. I am not
11	Q. Is that a yes?	11	reviewing ultrasounds.
12	A. Yes, I would disagree with him.	12	Q. Are you on Exhibit 3 with me?
13	Q. And you don't know if photographs	13	A. Yes, I am.
14	that were taken of the mesh out of Ms. Ramirez's	14	· · · · · · · · · · · · · · · · · · ·
15		15	Q. And this is the biopsy, surgical
	surgery strike that.	16	specimen report that we have in front of you, is
16	Dr. Iakovlev, you don't know if	17	that right?
17	photographs were taken of the mesh after her		A. That's correct.
18	surgery do you?	18	Q. This was part of the documents you
19	A. No, I don't remember seeing them.	19	reviewed in forming your opinions, is that right?
20	Maybe they were in the records, maybe not. I	20	A. That it is.
21	don't remember them.	21	Q. And this was a document prepared by
22	Q. But you never looked at the	22	the doctors who saw Ms. Ramirez over in Texas, is
23	photographs did you?	23	that right?
24	A. I could have. But I had my	24	MR. ANDERSON: Objection.
	Page 183		Page 185
1	specimen, my own specimen and I examined it	1	THE DEPONDENT MAIL IN A 1
_		1 -	THE DEPONENT: Well it is a pathology
2	grossly, I examined it microscopically.	2	report.
3	grossly, I examined it microscopically. Q. And you don't know if there was an	1	
		2	report.
3	Q. And you don't know if there was an	2	report. BY MR. HUTCHINSON:
3 4	Q. And you don't know if there was an ultrasound take of the mesh when it was in her	2 3 4	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't
3 4 5	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir?	2 3 4 5	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir?
3 4 5 6	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point.	2 3 4 5 6	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients.
3 4 5 6 7	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the	2 3 4 5 6 7	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by
3 4 5 6 7 8	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir?	2 3 4 5 6 7 8	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens.
3 4 5 6 7 8 9	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound	2 3 4 5 6 7 8	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time,
3 4 5 6 7 8 9	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report?	2 3 4 5 6 7 8 9	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the
3 4 5 6 7 8 9 10	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's	2 3 4 5 6 7 8 9 10	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez.
3 4 5 6 7 8 9 10 11	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that	2 3 4 5 6 7 8 9 10 11	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final
3 4 5 6 7 8 9 10 11 12 13	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct?	2 3 4 5 6 7 8 9 10 11 12 13	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"?
3 4 5 6 7 8 9 10 11 12 13 14	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct? A. Again, if they were in the records I	2 3 4 5 6 7 8 9 10 11 12 13	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"? A. Yes.
3 4 5 6 7 8 9 10 11 12 13 14 15	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct? A. Again, if they were in the records I probably saw them. Well, I definitely saw	2 3 4 5 6 7 8 9 10 11 12 13 14	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"? A. Yes. Q. Of what the doctors from the UT
3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct? A. Again, if they were in the records I probably saw them. Well, I definitely saw everything which was in the records but I'm not a	2 3 4 5 6 7 8 9 10 11 12 13 14 15	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"? A. Yes. Q. Of what the doctors from the UT Southwestern Medical Center found. Are you there
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct? A. Again, if they were in the records I probably saw them. Well, I definitely saw everything which was in the records but I'm not a radiologist and I don't normally look at them in	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"? A. Yes. Q. Of what the doctors from the UT Southwestern Medical Center found. Are you there with me?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct? A. Again, if they were in the records I probably saw them. Well, I definitely saw everything which was in the records but I'm not a radiologist and I don't normally look at them in my day-to-day practice.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"? A. Yes. Q. Of what the doctors from the UT Southwestern Medical Center found. Are you there with me? A. Yes, I am.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct? A. Again, if they were in the records I probably saw them. Well, I definitely saw everything which was in the records but I'm not a radiologist and I don't normally look at them in my day-to-day practice. Q. But if there were an ultrasound that	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"? A. Yes. Q. Of what the doctors from the UT Southwestern Medical Center found. Are you there with me? A. Yes, I am. Q. They didn't find any degradation did
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct? A. Again, if they were in the records I probably saw them. Well, I definitely saw everything which was in the records but I'm not a radiologist and I don't normally look at them in my day-to-day practice. Q. But if there were an ultrasound that you remember you couldn't interpret it could you?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"? A. Yes. Q. Of what the doctors from the UT Southwestern Medical Center found. Are you there with me? A. Yes, I am. Q. They didn't find any degradation did they?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And you don't know if there was an ultrasound take of the mesh when it was in her body do you, sir? A. I think it was taken at one point. Q. And you never looked at the ultrasound did you, sir? A. Ultrasound pictures or ultrasound report? Q. No, the ultrasound pictures. That's something that you never reviewed, is that correct? A. Again, if they were in the records I probably saw them. Well, I definitely saw everything which was in the records but I'm not a radiologist and I don't normally look at them in my day-to-day practice. Q. But if there were an ultrasound that you remember you couldn't interpret it could you? A. I can interpret it to a degree, not	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	report. BY MR. HUTCHINSON: Q. Pathologists are doctors aren't they, sir? A. Yes, but they don't see patients. At least most of the patients are not seen by pathologists when they examine the specimens. Sometimes we do see patients but most of the time, and I believe for that specific case the pathologist did not see Ms. Ramirez. Q. And, Doctor, let's look under "Final Pathologic Diagnosis"? A. Yes. Q. Of what the doctors from the UT Southwestern Medical Center found. Are you there with me? A. Yes, I am. Q. They didn't find any degradation did they? A. No, they didn't examine it.

47 (Pages 182 to 185)

	Page 186		Page 188
1	or particle loss.	1	A. Possible.
2	Q. In fact these doctors from Texas	2	Q. Or specimen?
3	didn't find any mesh deformation did they, sir?	3	A. I don't remember how many pictures I
4	A. There is no description of	4	took.
5	deformation or nondeformation.	5	Q. Well, why don't you look at your
6	Q. And, Doctor, I want to hand you what	6	report. Your report includes 19 pictures labelled
7	we'll mark as Exhibit 4 to your deposition.	7	JR(1) through JR(19). Is that correct, sir?
8	DEFENSE EXHIBIT NO. 4: Surgical	8	A. Yeah, except some of them combine
9	pathology report from St. Michael's	9	too so it's over 19.
10	Hospital re. Jennifer Ramirez dated	10	Q. Over 19, is that right?
11	10/5/2015.	11	A. At least 19, yes.
12	BY MR. HUTCHINSON:	12	Q. And none of these 19 pictures show
13	Q. You did your own surgical	13	any particle loss from the mesh. Is that correct,
14	pathological report here in Canada for Ms.	14	sir?
15	Ramirez, didn't you, sir?	15	A. That's correct. No visible particle
16	A. That's correct.	16	loss. I mean, it has to be visible in order for
17	Q. And this is a copy of it?	17	me to see in the microscope. If it's smaller than
18	A. Yes, it is.	18	what can be seen then I cannot detect them.
19	Q. And under "Final Diagnosis" there in	19	Q. Move to strike everything after
20	the middle, are you there with me?	20	other than, yes, "that's correct".
21	A. Yes.	21	MR. ANDERSON: He answered your
22	Q. You didn't find any degradation	22	question.
23	under your final diagnosis for Ms. Ramirez did	23	BY MR. HUTCHINSON:
24	you, sir?	24	Q. And, Dr. Iakovlev, you're not
	Page 187		Page 189
1	A. I think that's incorrect.	1	telling the jury that there are any loose
2	Q. Doctor, will you show the jury	2	particles from the mesh in Ms. Ramirez's tissue,
3	hold this up and publish it to the jury please?	3	are you?
4	MR. ANDERSON: Objection.	4	MR. ANDERSON: Objection, asked and
5	BY MR. HUTCHINSON:	5	
6	Q. I'm sorry, I'm still working on my		answered.
7		6	answered. THE DEPONENT: I did not show it in the
		6 7	THE DEPONENT: I did not show it in the
8	question. Dr. Iakovlev, you didn't find that	7	THE DEPONENT: I did not show it in the specimen.
8 9	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh	1	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON:
	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir?	7 8 9	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know
9	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says.	7	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or
9 10	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir?	7 8 9 10	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you?
9 10 11	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with	7 8 9 10 11	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't.
9 10 11 12	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the	7 8 9 10 11 12	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you?
9 10 11 12 13	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic	7 8 9 10 11 12 13	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit
9 10 11 12 13 14	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the degradation layer is described there and it's	7 8 9 10 11 12 13 14	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit 4(B)?
9 10 11 12 13 14 15	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the degradation layer is described there and it's measured on the second page.	7 8 9 10 11 12 13 14	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit 4(B)? A. You mean 4(B) from my
9 10 11 12 13 14 15	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the degradation layer is described there and it's measured on the second page. Q. Doctor, you didn't find any particle	7 8 9 10 11 12 13 14 15	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit 4(B)? A. You mean 4(B) from my Q. From your direct examination. I'm
9 10 11 12 13 14 15 16	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the degradation layer is described there and it's measured on the second page. Q. Doctor, you didn't find any particle loss for Ms. Ramirez did you?	7 8 9 10 11 12 13 14 15 16	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit 4(B)? A. You mean 4(B) from my Q. From your direct examination. I'm going to ask that you show it up on the screen
9 10 11 12 13 14 15 16 17	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the degradation layer is described there and it's measured on the second page. Q. Doctor, you didn't find any particle loss for Ms. Ramirez did you? A. Not visible large particles, that's	7 8 9 10 11 12 13 14 15 16 17	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit 4(B)? A. You mean 4(B) from my Q. From your direct examination. I'm going to ask that you show it up on the screen please. Exhibit 4(B).
9 10 11 12 13 14 15 16 17 18	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the degradation layer is described there and it's measured on the second page. Q. Doctor, you didn't find any particle loss for Ms. Ramirez did you? A. Not visible large particles, that's correct. I could not examine for smaller	7 8 9 10 11 12 13 14 15 16 17 18	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit 4(B)? A. You mean 4(B) from my Q. From your direct examination. I'm going to ask that you show it up on the screen please. Exhibit 4(B). A. Yes.
9 10 11 12 13 14 15 16 17 18	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the degradation layer is described there and it's measured on the second page. Q. Doctor, you didn't find any particle loss for Ms. Ramirez did you? A. Not visible large particles, that's correct. I could not examine for smaller particles which I could not see, but I could not	7 8 9 10 11 12 13 14 15 16 17 18 19 20	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit 4(B)? A. You mean 4(B) from my Q. From your direct examination. I'm going to ask that you show it up on the screen please. Exhibit 4(B). A. Yes. Q. This is some of the light microscopy
9 10 11 12 13 14 15 16 17 18 19 20 21	question. Dr. Iakovlev, you didn't find that there was any degradation from Ms. Ramirez's mesh in your final diagnosis did you, sir? A. Yes, I did. That's what it says. "Surgical knitted monofilament mesh with associated tissue changes. Please see synoptic data for details." Then details expand and the degradation layer is described there and it's measured on the second page. Q. Doctor, you didn't find any particle loss for Ms. Ramirez did you? A. Not visible large particles, that's correct. I could not examine for smaller particles which I could not see, but I could not rule them out.	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE DEPONENT: I did not show it in the specimen. BY MR. HUTCHINSON: Q. And in fact, Doctor, you don't know if Ms. Ramirez's mesh was mechanically cut or laser cut, do you? A. No, I don't. Q. And, Doctor, let's look at Exhibit 4(B)? A. You mean 4(B) from my Q. From your direct examination. I'm going to ask that you show it up on the screen please. Exhibit 4(B). A. Yes. Q. This is some of the light microscopy work that you did for Ms. Ramirez's mesh, is that

48 (Pages 186 to 189)

	Page 190		Page 192
1	isn't it, sir?	1	BY MR. HUTCHINSON:
2	A. That's correct.	2	Q. Dr. Iakovlev
3	Q. And in fact you can't tell us which	3	MR. ANDERSON: If you want to ask him a
4	piece of mesh would have come out of her left side	4	question that's just like that question then
5	or right side, can you?	5	that's fine. That's a different question and you
6	A. Yes, I can.	6	know it.
7	Q. Doctor, I want to hand you your	7	BY MR. HUTCHINSON:
8	deposition transcript and direct your attention to	8	Q. Dr. Iakovlev, did I read that
9	page 53, line 7. Are you there with me	9	question and answer correctly, sir?
10	Dr. Iakovley?	10	A. You did not read the complete
11	A. Yes. Let me read the page and then	11	answers but you read that part. Because there is
12	we will come back to it.	12	an answer I just gave before that, you repeated
13	Q. Have you finished reading it,	13	the question during deposition. And my can I
14	Dr. Iakovley?	14	answer that?
15	A. Yes, I did.	15	MR. ANDERSON: Yes.
16	Q. And, Dr. Iakovlev, you raised your	16	THE DEPONENT: So my answer was it would
17	right-hand and promised to tell the truth on this	17	be difficult to determine with certainty. So I
18	time didn't you?	18	would need and then there is explanation.
19	MR. ANDERSON: Objection. You've	19	Clinically there were some other studies it could
20	already asked and answered if he knew he was under	20	explain that. So combining clinical information
21	oath. He said he was under oath did. Stop	21	and my pathological I can tell you which one is
22	beating him up. Don't answer the question.	22	left and which 1 is right, but if I don't have
23	BY MR. HUTCHINSON:	23	clinical information just pathology it would be
24	Q. Dr. Iakovlev, are you refusing to	24	difficult for me.
	Page 191		Page 193
1			
1	answer that question.	1	BY MR. HUTCHINSON:
2	answer that question. MR. FREESE: Yes, he's being instructed	2	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive.
2	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he	2	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs
2 3 4	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath.	2 3 4	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5).
2 3 4 5	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON:	2 3 4 5	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring
2 3 4 5 6	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it	2 3 4 5 6	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to?
2 3 4 5 6 7	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says:	2 3 4 5 6 7	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report.
2 3 4 5 6 7 8	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell	2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's
2 3 4 5 6 7 8 9	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go	2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1.
2 3 4 5 6 7 8 9	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle	2 3 4 5 6 7 8 9	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct.
2 3 4 5 6 7 8 9 10	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side?	2 3 4 5 6 7 8 9 10	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON:
2 3 4 5 6 7 8 9 10 11	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the	2 3 4 5 6 7 8 9 10 11	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev?
2 3 4 5 6 7 8 9 10 11 12 13	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there	2 3 4 5 6 7 8 9 10 11 12 13	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am.
2 3 4 5 6 7 8 9 10 11 12 13 14	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain	2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh
2 3 4 5 6 7 8 9 10 11 12 13 14 15	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't	2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't know if it was divided before."	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you, sir?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't know if it was divided before." Did I read that correctly, sir?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you, sir? A. I can.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't know if it was divided before." Did I read that correctly, sir? MR. ANDERSON: Objection. Inappropriate	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you, sir? A. I can. Q. I'm sorry?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't know if it was divided before." Did I read that correctly, sir? MR. ANDERSON: Objection. Inappropriate impeachment. That is a different question than	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you, sir? A. I can. Q. I'm sorry? A. I can. It was curled inside the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't know if it was divided before." Did I read that correctly, sir? MR. ANDERSON: Objection. Inappropriate impeachment. That is a different question than you just asked him before so it's an unfair	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you, sir? A. I can. Q. I'm sorry? A. I can. It was curled inside the body.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't know if it was divided before." Did I read that correctly, sir? MR. ANDERSON: Objection. Inappropriate impeachment. That is a different question than you just asked him before so it's an unfair re-reading.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you, sir? A. I can. Q. I'm sorry? A. I can. It was curled inside the body. Q. Dr. Iakovlev, let's look back at
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't know if it was divided before." Did I read that correctly, sir? MR. ANDERSON: Objection. Inappropriate impeachment. That is a different question than you just asked him before so it's an unfair re-reading. MR. HUTCHINSON: No it's not.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you, sir? A. I can. Q. I'm sorry? A. I can. It was curled inside the body. Q. Dr. Iakovlev, let's look back at your deposition. And by the way, before we do
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	answer that question. MR. FREESE: Yes, he's being instructed not to answer it. It's argumentative and he understands he's under oath. BY MR. HUTCHINSON: Q. Dr. Iakovlev, page 53, line 7 it says: "As we sit here today you cannot tell us which piece of the explant would go in the left-hand side or in the middle side? "ANSWER: Not from what I have in the specimen. I mean, if clinically there was some other studies it could explain that. It would be hard. Also I don't know if it was divided before." Did I read that correctly, sir? MR. ANDERSON: Objection. Inappropriate impeachment. That is a different question than you just asked him before so it's an unfair re-reading.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Doctor, let's look at the photographs that you took labelled J(1) through J(5). MR. ANDERSON: What are you referring to? MR. HUTCHINSON: In your expert report. MR. ANDERSON: You mean in defendant's Exhibit 1. MR. HUTCHINSON: Correct. BY MR. HUTCHINSON: Q. Are you there, Dr. Iakovlev? A. Yes, I am. Q. You can't tell us whether the mesh was curling at the time it was taken out can you, sir? A. I can. Q. I'm sorry? A. I can. It was curled inside the body. Q. Dr. Iakovlev, let's look back at

49 (Pages 190 to 193)

	Page 194		Page 196
1	A. No, I cannot tell that. It curled	1	density for Ms. Ramirez did you?
2	sometime in the body.	2	A. It's not needed for my opinions.
3	Q. But you can't tell us whether or not	3	Q. Move to strike as nonresponsive. My
4	it curled at the time it was taken out can you?	4	question is asking for a yes or no please.
5	MR. ANDERSON: Objection, asked and	5	Dr. Iakovlev, you didn't count the nerve
6	answered.	6	density for Ms. Ramirez did you, sir?
7	THE DEPONENT: What do you mean? It was	7	A. Because it was not required for my
8	curled only during excision not while it was in	8	opinions I did not count it.
9	the body? I can tell you it was curled up before	9	Q. Move to strike everything after "I
10	the scar tissue could grow into the curl. This is	10	did not" I mean, before "I did not count it".
11	very obvious in the images. It curled up in the	11	Dr. Iakovlev, in fact you didn't consult
12	body and the lumen inside the curl was filled with	12	with a neuropathologist regarding Ms. Ramirez's
13	the scar tissue. This can happen only in the	13	case, did you?
14	body. This cannot happen during the excision.	14	A. I didn't need to.
15	You cannot make scar grow inside the mesh during	15	Q. And, Doctor, if we look at Exhibit
16	the excision.	16	4, which is the report that you created in Canada,
17	BY MR. HUTCHINSON:	17	are we on the same page?
18	Q. Move to strike as nonresponsive.	18	MR. ANDERSON: Objection to form.
19	Dr. Iakovlev, you cannot say whether the	19	THE DEPONENT: Yes, we are.
20	curling occurred at the time of implantation or	20	BY MR. HUTCHINSON:
21	post implantation, can you?	21	Q. Doctor, look at the bottom for me
22	MR. ANDERSON: Objection to form.	22	please. It says "synoptic diagnosis". Did I read
23	Compound, asked and answered and form.	23	that correctly?
24	MS. VERBEEK: Same objection.	24	A. Yes, you did.
	Page 195		Page 197
	rage 173		1430 177
1	THE DEPONENT: As I told you I cannot	1	
1 2	THE DEPONENT: As I told you I cannot.	1	Q. And in fact under synoptic diagnosis
2	MR. HUTCHINSON: Why don't we take a	2	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read
2	MR. HUTCHINSON: Why don't we take a quick break.	2	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly?
2 3 4	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record	2 3 4	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly.
2 3 4 5	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m.	2 3 4 5	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch
2 3 4 5 6	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken.	2 3 4 5 6	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area."
2 3 4 5 6 7	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the	2 3 4 5 6 7	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct.
2 3 4 5 6 7 8	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m.	2 3 4 5 6 7 8	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All
2 3 4 5 6 7 8	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON:	2 3 4 5 6 7 8	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that?
2 3 4 5 6 7 8 9	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about	2 3 4 5 6 7 8 9	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do.
2 3 4 5 6 7 8 9 10	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay?	2 3 4 5 6 7 8 9 10	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do
2 3 4 5 6 7 8 9 10 11	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay.	2 3 4 5 6 7 8 9 10 11	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen."
2 3 4 5 6 7 8 9 10 11 12 13	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone	2 3 4 5 6 7 8 9 10 11 12 13	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct.
2 3 4 5 6 7 8 9 10 11 12 13 14	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly?
2 3 4 5 6 7 8 9 10 11 12 13 14 15	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct?	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct? A. That's correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly. Q. In fact, Doctor, you have not
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct? A. That's correct. Q. And nerves come in different shapes	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly. Q. In fact, Doctor, you have not identified any nerve receptors in Ms. Ramirez's
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct? A. That's correct. Q. And nerves come in different shapes and they come in different sizes?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly. Q. In fact, Doctor, you have not identified any nerve receptors in Ms. Ramirez's slides have you?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct? A. That's correct. Q. And nerves come in different shapes and they come in different sizes? A. I'm not sure about shape but, yes,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly. Q. In fact, Doctor, you have not identified any nerve receptors in Ms. Ramirez's slides have you? A. Are we now switching from nerves to
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct? A. That's correct. Q. And nerves come in different shapes and they come in different sizes? A. I'm not sure about shape but, yes, they have different caliber. The trunk starts	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly. Q. In fact, Doctor, you have not identified any nerve receptors in Ms. Ramirez's slides have you? A. Are we now switching from nerves to nerve receptors?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct? A. That's correct. Q. And nerves come in different shapes and they come in different sizes? A. I'm not sure about shape but, yes, they have different caliber. The trunk starts thicker and the branches branch off. They are	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly. Q. In fact, Doctor, you have not identified any nerve receptors in Ms. Ramirez's slides have you? A. Are we now switching from nerves to nerve receptors? Q. That's correct.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct? A. That's correct. Q. And nerves come in different shapes and they come in different sizes? A. I'm not sure about shape but, yes, they have different caliber. The trunk starts thicker and the branches branch off. They are thinner and thinner and everything gets thinner	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly. Q. In fact, Doctor, you have not identified any nerve receptors in Ms. Ramirez's slides have you? A. Are we now switching from nerves to nerve receptors? Q. That's correct. A. Because I was not looking for
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MR. HUTCHINSON: Why don't we take a quick break. THE VIDEOGRAPHER: Going off the record at 1:48 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 1:55 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, let's talk about nerves for a minute okay? A. Okay. Q. And the TVT-O would have gone through Ms. Ramirez's transobturator space, is that correct? A. That's correct. Q. And nerves come in different shapes and they come in different sizes? A. I'm not sure about shape but, yes, they have different caliber. The trunk starts thicker and the branches branch off. They are	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And in fact under synoptic diagnosis it says, "Acute inflammation: No." Did I read that correctly? A. Yes, you read it correctly. Q. And it says, "Nerve branch count/tissue area." A. That's correct. Q. And then under that it says, "All tissue". Do you see that? A. Yes, I do. Q. And, Doctor, you write, "Cannot do formal count in a limited specimen." A. That's correct. Q. Did I read that correctly? A. Yes, you did read it correctly. Q. In fact, Doctor, you have not identified any nerve receptors in Ms. Ramirez's slides have you? A. Are we now switching from nerves to nerve receptors? Q. That's correct.

50 (Pages 194 to 197)

	Page 198		Page 200
1	have receptors. The only time they don't have	1	causing pain can you?
2	receptors is when they end up with traumatic	2	A. As I said, most of the nerves are
3	neuroma.	3	mixed therefore most of the nerves deliver or
4	Q. And Doctor, you'll agree that pain	4	conduct pain signals. So when I look at a nerve,
5	receptors are usually just bare endings of nerves,	5	any nerve in the body, to a reasonable degree of
6	is that correct?	6	medical certainty, it does conduct pain signals.
7	A. Most of them are.	7	Q. You can only estimate the
8	Q. And those are called nociceptors, is	8	probabilities can't you, sir?
9	that correct?	9	A. Yes.
10	A. That's another term for pain	10	Q. And, Doctor, when we talk about
11	receptors.	11	neuromas that's a painful condition also known as
12	Q. Am I correct, Doctor?	12	a pinched nerve, is that right?
13	A. You're correct.	13	A. No, it is not. It is different
14	Q. You need a stain to detect a	14	lesion. Both can cause pain, traumatic neuroma or
15	_	15	pinched nerve but they are different lesions.
16	nociceptor don't you, sir?	16	Q. And, Dr. Iakovlev, you're not
	A. You need to stain for anything in	17	-
17	histology. So you need to stain specifically for	18	telling this jury that Ms. Ramirez had any
18	anything.	l .	neuromas are you, sir?
19	Q. And in fact the specific chemical	19	A. I did not see them in the slides but
20	that you need to use to stain for a nociceptor is	20	I cannot rule them out. I see them all the time
21	something called PGP9.5. Is that correct, sir?	21	in mesh specimens. They could have not been just
22	A. One of it. It can be used for a	22	sampled.
23	nerve for axons.	23	Q. And, Doctor move to strike as
24	Q. And you showed the jury a lot of	24	nonresponsive.
	Page 199		Page 201
1	slides from Ms. Ramirez this morning, didn't you,	1	Tissue necrosis that's the same thing as
2	sir?	2	dead tissue isn't it?
3	A. Yes, I did.	3	A. That's correct.
4	Q. And you didn't stain one of those	4	Q. And not one of the slides that you
5	with PGP9.5 stain did you, sir?		The state of the s
-	•	5	showed the jury showed any tissue necrosis did
6	A. Well, I use neurofilament it's	5 6	The state of the s
7	•	l .	showed the jury showed any tissue necrosis did they? A. No, they did not.
-	A. Well, I use neurofilament it's	6	showed the jury showed any tissue necrosis did they?
7	A. Well, I use neurofilament it's almost the same stain. It stains the same	6 7	showed the jury showed any tissue necrosis did they? A. No, they did not.
7 8	A. Well, I use neurofilament it's almost the same stain. It stains the same structures.	6 7 8	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct?
7 8 9	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question.	6 7 8 9	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work
7 8 9 10	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your	6 7 8 9	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct?
7 8 9 10 11	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question.	6 7 8 9 10 11	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition.
7 8 9 10 11 12	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON:	6 7 8 9 10 11 12	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what
7 8 9 10 11 12 13	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't	6 7 8 9 10 11 12 13	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition.
7 8 9 10 11 12 13	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't stain any of Ms. Ramirez's slides with the stain	6 7 8 9 10 11 12 13	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition. DEFENSE EXHIBIT NO. 5: Diagram
7 8 9 10 11 12 13 14	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't stain any of Ms. Ramirez's slides with the stain PGP9.5. Yes or no?	6 7 8 9 10 11 12 13 14	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition. DEFENSE EXHIBIT NO. 5: Diagram depicting the female anatomy after a
7 8 9 10 11 12 13 14 15	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't stain any of Ms. Ramirez's slides with the stain PGP9.5. Yes or no? A. Well, sounds like you're teaching me	6 7 8 9 10 11 12 13 14 15	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition. DEFENSE EXHIBIT NO. 5: Diagram depicting the female anatomy after a hysterectomy is done.
7 8 9 10 11 12 13 14 15 16 17	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't stain any of Ms. Ramirez's slides with the stain PGP9.5. Yes or no? A. Well, sounds like you're teaching me pathology what I should and what I should not have	6 7 8 9 10 11 12 13 14 15 16	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition. DEFENSE EXHIBIT NO. 5: Diagram depicting the female anatomy after a hysterectomy is done. BY MR. HUTCHINSON:
7 8 9 10 11 12 13 14 15 16 17	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't stain any of Ms. Ramirez's slides with the stain PGP9.5. Yes or no? A. Well, sounds like you're teaching me pathology what I should and what I should not have used. I used neurofilament which is similar stain	6 7 8 9 10 11 12 13 14 15 16 17	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition. DEFENSE EXHIBIT NO. 5: Diagram depicting the female anatomy after a hysterectomy is done. BY MR. HUTCHINSON: Q. We know that Ms. Ramirez had a
7 8 9 10 11 12 13 14 15 16 17 18	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't stain any of Ms. Ramirez's slides with the stain PGP9.5. Yes or no? A. Well, sounds like you're teaching me pathology what I should and what I should not have used. I used neurofilament which is similar stain to PGP, this will answer. But I did not use	6 7 8 9 10 11 12 13 14 15 16 17 18	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition. DEFENSE EXHIBIT NO. 5: Diagram depicting the female anatomy after a hysterectomy is done. BY MR. HUTCHINSON: Q. We know that Ms. Ramirez had a hysterectomy don't we?
7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't stain any of Ms. Ramirez's slides with the stain PGP9.5. Yes or no? A. Well, sounds like you're teaching me pathology what I should and what I should not have used. I used neurofilament which is similar stain to PGP, this will answer. But I did not use PGP9.5.	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition. DEFENSE EXHIBIT NO. 5: Diagram depicting the female anatomy after a hysterectomy is done. BY MR. HUTCHINSON: Q. We know that Ms. Ramirez had a hysterectomy don't we? A. Yes, we do.
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Well, I use neurofilament it's almost the same stain. It stains the same structures. Q. Move to strike as nonresponsive. MR. ANDERSON: Well. He answered your question. BY MR. HUTCHINSON: Q. My question, sir, is that you didn't stain any of Ms. Ramirez's slides with the stain PGP9.5. Yes or no? A. Well, sounds like you're teaching me pathology what I should and what I should not have used. I used neurofilament which is similar stain to PGP, this will answer. But I did not use PGP9.5. Q. Move to strike everything before "I	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	showed the jury showed any tissue necrosis did they? A. No, they did not. Q. In fact let's be crystal clear. You saw no dead tissue from Ms. Ramirez in your work in this case, is that correct? A. No, I didn't. Q. Doctor, I'm going to hand you what we'll mark as Exhibit 5 to your deposition. DEFENSE EXHIBIT NO. 5: Diagram depicting the female anatomy after a hysterectomy is done. BY MR. HUTCHINSON: Q. We know that Ms. Ramirez had a hysterectomy don't we? A. Yes, we do. Q. And Dr. Iakovlev, would you show

51 (Pages 198 to 201)

	Page 202		Page 204
1	A. That's correct.	1	MR. ANDERSON: Objection, asked and
2	Q. And you can't tell the jury where on	2	answered. I think we're at three times now. I
3	that diagram that Ms. Ramirez experienced pain can	3	can probably read it back, but answer it one more
4	you?	4	time and that's it.
5	MR. ANDERSON: Objection to form.	5	THE DEPONENT: This diagram does not
6	THE DEPONENT: Well, this diagram	6	represent Ms. Ramirez's anatomy therefore I will
7	describes a hypothetical patient it does not	7	not use this diagram for any demonstrations.
8	represent Ms. Ramirez. I don't see ovaries here,	8	BY MR. HUTCHINSON:
9	because she still has ovaries in her body and this	9	Q. Move to strike as nonresponsive.
10	diagram doesn't depict them. She has TVT mesh	10	Doctor, yes or no, can you show the jury
11	sling and it doesn't depict them so this diagram	11	on that diagram where Ms. Ramirez experienced
12	doesn't represent Ms. Ramirez.	12	pain.
13	BY MR. HUTCHINSON:	13	MR. ANDERSON: Same objection. And if
14		14	you keep being rude to him and trying to beat him
15	Q. Move to strike as nonresponsive.Dr. Iakovlev, show the jury that picture	15	up we're going to stop it.
16	and you can't tell the jury where Ms. Ramirez	16	MR. HUTCHINSON: I'm not being rude.
17	experienced pain in her anatomy can you, sir?	17	MR. ANDERSON: Yeah, you are. Asking
18	MR. ANDERSON: Objection. Asked and	18	the same question over and over is rude and
19	ŭ	19	-
	answered. Go ahead, answer it again.	20	disrespectful.
20	THE DEPONENT: So my answer is that this		BY MR. HUTCHINSON:
21	diagram does not represent Ms. Ramirez. And I	21	Q. Dr. Iakovlev, you can answer the
22	just listed you all the reasons why it does not	22	question.
23	represent Ms. Ramirez therefore we cannot use this	23	MR. ANDERSON: Asked and answered. Same
24	exhibit to demonstrate any anatomical features.	24	answer.
	Page 203		Page 205
1	BY MR. HUTCHINSON:	1	MR. HUTCHINSON: Your objection is
1 2	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a	2	MR. HUTCHINSON: Your objection is noted, counsel.
	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on	2 3	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead.
2 3 4	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir?	2 3 4	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate
2 3 4 5	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection.	2 3 4 5	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it
2 3 4 5 6	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this	2 3 4 5 6	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez.
2 3 4 5 6 7	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez.	2 3 4 5 6 7	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON:
2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON:	2 3 4 5 6 7 8	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you
2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries	2 3 4 5 6 7 8	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition.
2 3 4 5 6 7 8 9	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram?	2 3 4 5 6 7 8 9	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram
2 3 4 5 6 7 8 9 10	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to	2 3 4 5 6 7 8 9 10	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female
2 3 4 5 6 7 8 9 10 11	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do	2 3 4 5 6 7 8 9 10 11	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor.
2 3 4 5 6 7 8 9 10 11 12 13	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that.	2 3 4 5 6 7 8 9 10 11 12	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON:
2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive.	2 3 4 5 6 7 8 9 10 11 12 13 14	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in
2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that	2 3 4 5 6 7 8 9 10 11 12 13 14	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that diagram, Dr. Iakovlev?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir? A. That's correct.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that diagram, Dr. Iakovlev? MR. ANDERSON: Same objection.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir? A. That's correct. Q. Would you show it to the jury
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that diagram, Dr. Iakovlev? MR. ANDERSON: Same objection. THE DEPONENT: I will not use a diagram	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir? A. That's correct. Q. Would you show it to the jury please? You can't show the jury where Ms. Ramirez
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that diagram, Dr. Iakovlev? MR. ANDERSON: Same objection. THE DEPONENT: I will not use a diagram which does to the represent the patient whose	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir? A. That's correct. Q. Would you show it to the jury please? You can't show the jury where Ms. Ramirez experienced pain on this diagram can you?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that diagram, Dr. Iakovlev? MR. ANDERSON: Same objection. THE DEPONENT: I will not use a diagram which does to the represent the patient whose specimen I examined.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir? A. That's correct. Q. Would you show it to the jury please? You can't show the jury where Ms. Ramirez experienced pain on this diagram can you? MR. ANDERSON: Objection.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that diagram, Dr. Iakovlev? MR. ANDERSON: Same objection. THE DEPONENT: I will not use a diagram which does to the represent the patient whose specimen I examined. BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir? A. That's correct. Q. Would you show it to the jury please? You can't show the jury where Ms. Ramirez experienced pain on this diagram can you? MR. ANDERSON: Objection. THE DEPONENT: The answer would be
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that diagram, Dr. Iakovlev? MR. ANDERSON: Same objection. THE DEPONENT: I will not use a diagram which does to the represent the patient whose specimen I examined. BY MR. HUTCHINSON: Q. Doctor, you can't show the jury on	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir? A. That's correct. Q. Would you show it to the jury please? You can't show the jury where Ms. Ramirez experienced pain on this diagram can you? MR. ANDERSON: Objection. THE DEPONENT: The answer would be similar. This diagram actually shows depth of the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you a black marker and why don't you draw the ovaries on that diagram for us please, sir? MR. ANDERSON: Objection. THE DEPONENT: I don't want to use this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Are you refusing to draw the ovaries on that diagram? A. Well, it implies that I will try to make it fit Ms. Ramirez's anatomy but I cannot do that. Q. Move to strike as nonresponsive. Are you refusing to draw ovaries on that diagram, Dr. Iakovlev? MR. ANDERSON: Same objection. THE DEPONENT: I will not use a diagram which does to the represent the patient whose specimen I examined. BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. HUTCHINSON: Your objection is noted, counsel. MR. ANDERSON: I know it is. Go ahead. THE DEPONENT: I cannot demonstrate Ms. Ramirez's anatomy on this diagram because it does not represent Ms. Ramirez. BY MR. HUTCHINSON: Q. Dr. Iakovlev, I want to hand you what we've mark as Exhibit 6 to your deposition. DEFENSE EXHIBIT NO. 6: Diagram depicting the muscles in the female pelvic floor. BY MR. HUTCHINSON: Q. This diagram shows the muscles in the female pelvic floor doesn't it, sir? A. That's correct. Q. Would you show it to the jury please? You can't show the jury where Ms. Ramirez experienced pain on this diagram can you? MR. ANDERSON: Objection. THE DEPONENT: The answer would be

52 (Pages 202 to 205)

	Page 206		Page 208
1	Ms. Ramirez was experiencing pain, or partially,	1	A. To a degree.
2	is removed from this tissue. You can see stumps	2	Q. And in order to find pain the
3	of the nerves sticking out from behind the bone so	3	patient has to tell you there's pain doesn't she?
4	it does not represent again the situation	4	A. Yes.
5	Ms. Ramirez was in.	5	Q. And you've never talked with
6	BY MR. HUTCHINSON:	6	Ms. Ramirez in this case have you, sir?
7	Q. Move to strike as nonresponsive.	7	A. That's correct.
8	Dr. Iakovlev, show the jury that	8	Q. So, Doctor, I want to talk about
9	photograph please. And tell the jury where on	9	foreign body reaction and inflammation as it
10	that photograph that Ms. Ramirez experienced pain?	10	relates to pain. Okay?
11	MR. ANDERSON: Objection, asked and	11	A. Okay.
12	answered.	12	Q. Changing gears a bit. It's my
13	THE DEPONENT: So my answer will be that	13	understanding you think there is a higher degree
14	this diagram shows partially dissected human body	14	of inflammation associated with high rates of
15	when the nerves, which are supplying innervation	15	pain. Am I right?
16	** * *	16	-
	in the area of vagina, are partially removed in		A. My answer would be that inflammation
17	the tissue. So that tissue which was experiencing	17	is one of the factors in the mechanisms of pain.
18	pain, or Ms. Ramirez's tissue, was removed in the	18	It changes threshold of sensitivity of the
19	graphics. And you can see stumps of the nerves	19	tissues. And we all know that inflamed tissue is
20	and the vessels sticking from behind the bone. So	20	painful. So that known fact.
21	this does not represent Ms. Ramirez's anatomy	21	Q. Doctor, you know that there's some
22	either at the time of explantation or now.	22	literature that disagrees with you on that don't
23	BY MR. HUTCHINSON:	23	you?
24	Q. Move to strike as nonresponsive.	24	MR. ANDERSON: Objection, form.
	Page 207		Page 209
1	Dr. Iakovlev, you can't show the jury	1	BY MR. HUTCHINSON:
2	where Ms. Ramirez experienced pain on that diagram	2	Q. Dr. Iakovlev you know there's some
3	can you?	3	- ·
4			literature
	MR. ANDERSON: Objection. Asked and	4	· · · · · · · · · · · · · · · · · · ·
5	MR. ANDERSON: Objection. Asked and answered. I think		literature
5 6		4	literature THE VIDEOGRAPHER: Going off the record
	answered. I think	4 5	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m.
6	answered. I think BY MR. HUTCHINSON:	4 5 6	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken.
6 7	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no.	4 5 6 7	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the
6 7 8	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me	4 5 6 7 8	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m.
6 7 8 9	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the	4 5 6 7 8 9	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON:
6 7 8 9	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if	4 5 6 7 8 9	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the
6 7 8 9 10 11	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want.	4 5 6 7 8 9 10	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some
6 7 8 9 10 11	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON:	4 5 6 7 8 9 10 11 12	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir?
6 7 8 9 10 11 12	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev?	4 5 6 7 8 9 10 11 12	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my
6 7 8 9 10 11 12 13	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev? A. This diagram does not represent	4 5 6 7 8 9 10 11 12 13	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my statement would be described in the literature as
6 7 8 9 10 11 12 13 14	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev? A. This diagram does not represent Ms. Ramirez's anatomy.	4 5 6 7 8 9 10 11 12 13 14	Iliterature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my statement would be described in the literature as in opposite with opposite conclusions?
6 7 8 9 10 11 12 13 14 15	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev? A. This diagram does not represent Ms. Ramirez's anatomy. Q. Can you answer that question yes or	4 5 6 7 8 9 10 11 12 13 14 15	Iliterature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my statement would be described in the literature as in opposite with opposite conclusions? Q. We're going to talk about your
6 7 8 9 10 11 12 13 14 15 16	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev? A. This diagram does not represent Ms. Ramirez's anatomy. Q. Can you answer that question yes or no?	4 5 6 7 8 9 10 11 12 13 14 15 16	Iliterature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my statement would be described in the literature as in opposite with opposite conclusions? Q. We're going to talk about your conclusion that inflammation is associated with
6 7 8 9 10 11 12 13 14 15 16 17 18	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev? A. This diagram does not represent Ms. Ramirez's anatomy. Q. Can you answer that question yes or no? MR. ANDERSON: Objection, asked and	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Iliterature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my statement would be described in the literature as in opposite with opposite conclusions? Q. We're going to talk about your conclusion that inflammation is associated with high rates of pain.
6 7 8 9 10 11 12 13 14 15 16 17 18	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev? A. This diagram does not represent Ms. Ramirez's anatomy. Q. Can you answer that question yes or no? MR. ANDERSON: Objection, asked and answered.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	literature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my statement would be described in the literature as in opposite with opposite conclusions? Q. We're going to talk about your conclusion that inflammation is associated with high rates of pain. MR. ANDERSON: Is that a question.
6 7 8 9 10 11 12 13 14 15 16 17 18	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev? A. This diagram does not represent Ms. Ramirez's anatomy. Q. Can you answer that question yes or no? MR. ANDERSON: Objection, asked and answered. THE DEPONENT: I'm giving you the best	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Iliterature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my statement would be described in the literature as in opposite with opposite conclusions? Q. We're going to talk about your conclusion that inflammation is associated with high rates of pain. MR. ANDERSON: Is that a question. BY MR. HUTCHINSON:
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	answered. I think BY MR. HUTCHINSON: Q. I'm asking for a yes or no. MR. ANDERSON: Don't interrupt me please. That's like three times you've asked the same question and you can get the same answer if you want. BY MR. HUTCHINSON: Q. Yes or no, Dr. Iakovlev? A. This diagram does not represent Ms. Ramirez's anatomy. Q. Can you answer that question yes or no? MR. ANDERSON: Objection, asked and answered. THE DEPONENT: I'm giving you the best answer I have.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Iterature THE VIDEOGRAPHER: Going off the record at 2:09 p.m Break taken. THE VIDEOGRAPHER: We're back on the record at 2:10 p.m. BY MR. HUTCHINSON: Q. Doctor, before we went off the record my question was, you know there's some literature that disagrees with you don't you, sir? A. Specifically what part of my statement would be described in the literature as in opposite with opposite conclusions? Q. We're going to talk about your conclusion that inflammation is associated with high rates of pain. MR. ANDERSON: Is that a question. BY MR. HUTCHINSON: Q. I'm going to finish my question. I

53 (Pages 206 to 209)

1 midurethral sling mesh", found in the 2 International Urogynecology Journal, 3 2015. 3 2015. 4 BY MR. HUTCHINSON: 5 Q. This is the Hill paper, is funny do you? 6 correct? 7 A. Yes, only out don't think the Hill paper is funny do you? 7 MR. ANDERSON: Something happened off 1 the record. Don't do that, counsel. 12 MR. HUTCHINSON: 9 MR. ANDERSON: Something happened off 1 the record. Don't do that, counsel. 13 withdraw the question. I flooght you were 1 laughing about the Hill paper. 14 laughing about the Hill paper. 15 MR. ANDERSON: Well I could but I wasn't there. 17 BY MR. HUTCHINSON: 18 Q. Dr. Iakovlev, you have in front high of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct; 20 And you're familiar with this a right? 21 A. That's correct. 22 article, aren't you? 23 article, aren't you? 24 A. Yes, I am. 24 Page 211 1 Q. And it was published by the International Urogynecological Association, is that right? 2 A. Yes, I am. 2 Page 211 2 Q. And oun't know if it's one — the official one but it's a journal in urogynecological field of medicine. 10 Q. And you're familiar with that association aren't you, sir. 2 A. Yes, I am. 3 A. Yes, I am. 4 Q. And dura's an organization made up of urogynecological allower the world, isn't it? 3 A. Yes, I am. 4 Q. And that's an organization made up of urogynecological issues, is that right? 3 A. Yes, I am. 4 Q. And that's an organization made up of urogynecological issues, is that right? 4 A. Yes, I am. 4 Q. And that's an organization made up of urogynecological issues, is that right? 4 A. Yes, I am. 4 Q. And that's an organization made up of urogynecological is the total particle are are form the fellewance of pain. That's the conclusion		Page 210		Page 212
2 International Urogynecology Journal, 2015. 3 2015. 4 BYMR. HUTCHINSON: 4 4 MR. HUTCHINSON: 5 Q. This is the Hill paper, is that 6 Correct? 6 A. Yes, okay. Sorry. You're correct. 8 Q. And you don't think the Hill paper 9 is fumy do you? 10 MR. ANDERSON: Something happened off 11 the record. Don't do that, counsel. 12 MR. HUTCHINSON: I'm sorry, I'll 13 withdraw the question. I thought you were 14 laughing about the Hill paper 15 MR. ANDERSON: Well I could but I wasn't 16 there. 17 MR. ANDERSON: Well I could but I wasn't 16 there. 18 MR. ANDERSON: Well I could but I wasn't 16 dry ou the Hill paper entitled "Histopathology of excised midurethral Sling mesh". Is that correct? 19 A. That's correct. 10 A. Yes, I would. 19 A. Yes, I was article were pathologists in its field don't you, sir? 19 A. Yes, I am. 10 MR. ANDERSON: Well I could but I wasn't 16 A. Yes, I am. 10 MR. ANDERSON: Well I could but I wasn't 16 A. Yes, I am. 10 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 A. Yes, I am. 10 MR. ANDERSON: Well I could but I wasn't 16 A. Yes, I am. 10 MR. ANDERSON: Well I could but I wasn't 16 A. Yes, I am. 10 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I could but I wasn't 16 MR. ANDERSON: Well I wasn't	1	midurethral sling mesh", found in the	1	He's not a urogynecologist or a gynecologist, so
2015. 4 BY MR. HUTCHINSON: 5 Q. This is the Hill paper, is that 6 correct? 7 A. Yes, okay. Sorry. You're correct. 8 Q. And you don't think the Hill paper 9 is funny do you? 10 MR. ANDERSON: Something happened off the record. Don't do that, coursel. 11 withdraw the question. I flought you were 12 MR. HUTCHINSON: I flought you were 13 withdraw the question. I flought you were 14 laughing about the Hill paper. 15 MR. ANDERSON: Well I could but I wasn't the there. 17 BY MR. HUTCHINSON: 16 there. 18 Q. Dr. Iakovlev, you have in front high of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct? 20 Q. And you re familiar with this 22 article, aren't you? 21 A. Yes, I am. 22 Page 211 23 article, aren't you? 24 A. Yes, I am. 25 Page 211 26 Q. And it was published by the International Urogynecological Journal, is that right? 27 A. Yes, I am. 28 Page 211 29 Q. And duta's the official journal of the International Urogynecological Association, is that right? 29 A. Yes, I am. 21 Q. And volve familiar with that association neurl' you, sir. 21 A. Yes, I am. 22 Page 211 23 A. Yes, I am. 24 A. That's correct. 35 Q. And you're familiar with that association neurl' you, sir. 36 A. I don't know if it's one — the official one but it's a journal in urogynecological field of medicine. 37 Q. And that's the ore from the Cleveland Clinic. Is that right, sir? 38 A. Yes, I am. 39 (International Urogynecological Association, is that right? 39 A. Yes, I am. 40 Q. And was published by the laternational Urogynecological Association, is that right? 41 A. That's correct. 42 A. Yes, I am. 43 Page 213 44 A. Yes, I am. 45 Page 211 46 Q. And that's the official journal of the thermational Urogynecological issues, is that right? 46 A. That's correct. 57 Q. And that's an organization made up of official proper in the proper in th	2	<u> </u>		
4 BY MR. HUTCHINSON: 5 Q. This is the Hill paper, is that 6 correct? 7 A. Yes, okay. Sorry. You're correct. 8 Q. And you don't think the Hill paper 9 is funny do you? 10 MR. ANDERSON: Something happened off 11 the record. Don't do that, counsel. 11 aluaching about the Hill paper. 12 MR. HUTCHINSON: I'm sorry, I'll 13 withdraw the question. I thought you were 14 laughing about the Hill paper. 15 MR. ANDERSON: Well I could but I wasn't 16 there. 17 BY MR. HUTCHINSON: 18 Q. Dr. Iakovlev, you have in front high 19 of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct. 21 A. That's correct. 22 Q. And you're familiar with this 23 article, aren't you? 24 A. Yes, I am. Page 211 1 Q. And it was published by the 2 International Urogynecological Journal, is that right? 4 A. That's correct. 5 Q. And that's the official journal of the International Urogynecological Association, is that right? 8 A. I don't know if it's one—the 9 official one but it's a journal in 10 urogynecological field of medicine. 11 Q. And that's an organization made up 12 of urogynecological sisues, is that right? 13 A. Yes, I is. 14 A. Yes, I is. 15 Q. And that's an organization made up 16 of urogynecological issues, is that right? 17 A. Yes, I is. 18 A. Yes, I is. 19 Q. And that's much different than 20 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologicist, is that correct. 23 MR. ANDERSON: Objection. That's been 24 MR. ANDERSON: Objection. That's been 25 MR. ANDERSON: Objection. That's been 26 MR. ANDERSON: Objection. That's been 27 MR. ANDERSON: Objection. That's been 28 MR. HUTCHINSON: 29 D. In lakovlev? 30 A. Yes. 31 A. Yes. Well a path authoristive in its field don't you, sir? 31 A. Yes, Iwa authoritative in its field don't you, sir? 32 A. Yes. 34 A. Yes. the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? 31 A. Yes, Iwa authoritative in its field don't you, sir? 32 A.	3	••		
Second Correct	4			=
6 correct? 7 A. Yes, okay. Sorry. You're correct. 8 Q. And you don't think the Hill paper is funny do you? 9 is funny do you? 10 MR. ANDERSON: Something happened off the record. Don't do that, counsel. 11 the record. Don't do that, counsel. 12 MR. HUTCHINSON: I'm sorry, I'll the record. Don't do that, counsel. 13 withdraw the question. I thought you were land laughing about the Hill paper. 15 MR. ANDERSON: Well I could but I wasn't there. 16 BY MR. HUTCHINSON: 17 BY MR. HUTCHINSON: 18 Q. Dr. Iakovlev, you have in front high of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct? 10 Q. And you're familiar with this 22 article, aren't you? 11 Q. And it was published by the International Urogynecological Journal, is that right? 12 A. That's correct. 13 THE DEPONENT: One of them. 14 Q. And that's the official journal of the International Urogynecological Association, is that right? 15 A. Yes, I am. 16 Page 211 1 Q. And it was published by the International Urogynecological Association, is that right? 18 A. I don't know if it's one — the official one but it's a journal in urogynecological field of medicine. 19 Q. And was a morganization made up of or urogynecological issues, is that right? 19 A. Yes, I am. 20 Q. And that's an organization made up of or urogynecological issues, is that right? 21 A. Yes, I iis. 22 Q. And the people who wrote this a tright? 23 A. Yes, I am. 24 Cleveland Clinic. Is that right, sir? 25 Q. And that's the one from the Cleveland Clinic. Is that right; sir? 26 Q. And that's an organization made up of urogynecological issues, is that right? 27 A. Yes, it is. 28 A. I don't know if it's one — the official one but it's a journal in the properties of the international Urogynecological field of medicine. 29 Q. And that's an organization made up of urogynecologists all over the world, isn't it? 29 Q. And the people who wrote this a tright? 29 Q. Don't know if it's one — the official journal of the international Urogynecologists of the international Urogyn	5			
A. Yes, okay. Sorry. You're correct. B. Q. And you don't think the Hill paper is funny do you' MR. ANDERSON: Something happened off the record. Don't do that, counsel. MR. HUTCHINSON: I'm sorry, I'll withdraw the question. I thought you were laughing about the Hill paper. MR. ANDERSON: Well I could but I wasn't there. BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: Co. Dr. Iakovlev, you have in front high of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct. A. That's correct. A. That's correct. Q. And you're familiar with that International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. Yes, I am. Page 211 A. Yes, I am. Page 211 A. Yes, I am. Page 211 A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. Yes, I am. Page 211 A. Yes, I am. Page 211 A. Hill Study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this treating gynecological issues, is that right? A. Yes, they are. Q. And that's the official journal of the International Urogynecological field of medicine. Q. And that's an organization made up of urogynecological suses, is that right? A. Yes, they are. Q. And that's the official journal of the International Urogynecological field of medicine. Q. And that's the official journal of the International Urogynecological field of medicine. Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic, sorry. Cleveland Clinic. Is that right, sir? A. Yes, they are. Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic. Is that right, sir? A. Yes, they are. Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Yes,				=
8 Q. And you don't think the Hill paper 9 is funny do you? 10 MR. ANDERSON: Something happened off 11 the record. Don't do that, counsel. 12 MR. HUTCHINSON: I'm sorry, I'll 13 withdraw the question. I thought you were 14 laughing about the Hill paper. 15 MR. ANDERSON: Well I could but I wasn't there. 17 BY MR. HUTCHINSON: 18 Q. Dr. Jakovlev, you have in front high of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct? 19 A. That's correct. 20 Q. And it was published by the linternational Urogynecological Journal, is that right? 21 Q. And it was published by the linternational Urogynecological Association, is that right? 22 Q. And that's the official journal of the International Urogynecological Association, is that right? 23 article, aren't you, sir. 24 A. That's correct. 25 Q. And that's the official journal of the International Urogynecological Association, is that right? 26 A. That's correct. 27 Q. And that's the official journal of the International Urogynecological Association, is that right? 28 A. I don't know if it's one — the official one but it's a journal in urogynecological field of medicine. 10 Q. And you read and rely on articles from this same journal don't you? 11 authoritative in its field don't you, sir? 12 Q. And the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? 18 A. Yes, I am. Page 211 1 Q. And it was published by the linternational Urogynecological Journal, is that right? 1 Q. And that's the one from the Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Is that right, sir? 2 A. Well, I think they're all from Cleveland Clinic, sorry. 2 Q. And that's an organization made up of urogynecologists all over the world, isn't it? 2 Q. And that's an organization made up of urogynecologists all over the world, isn't it? 3 Q. And that's an organization made up of urogynecologists, is that correct? 3 A. Yes, I am. 9 Or I akovlev, the conclusion of this study. Is that ri	7			
9 reputable organization wouldn't you?	8			= = = = =
MR. ANDERSON: Something happened off the record. Don't do that, counsel. MR. HUTCHINSON: I'm sorry, I'll 12		- · ·		=
the record. Don't do that, counsel. MR. HUTCHINSON: I'm sorry, I'll withdraw the question. I thought you were laughing about the Hill paper. MR. ANDERSON: Well I could but I wasn't there. BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: BY MR. HUTCHINSON: Consider it authorisative in its field don't you, sir? A. Yes. Cond the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond and the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond and the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond and the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond and the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond and the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond that show of tis Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond that show of tis Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, they are. Cond that show of the United States. You understand that don't you, sir? A. Yes, they are. Cond that right? A. Yes, they are. Cond that if the from the Cleveland Clinic have right? A. Well, I think they're a		* *	1	
MR. HUTCHINSON: I'm sorry, I'll withdraw the question. I thought you were laughing about the Hill paper. MR. ANDERSON: Well I could but I wasn't there. MR. ANDERSON: Objection. MR. ANDERSON: Ob		~	1	*
13 withdraw the question. I thought you were 14 laughing about the Hill paper. 15 MR. ANDERSON: Well I could but I wasn't 16 there. 17 BY MR. HUTCHINSON: 18 Q. Dr. lakovlev, you have in front high 19 of you the Hill paper entitled "Histopathology of 20 excised midurethral sling mesh". Is that correct? 21 A. That's correct. 22 Q. And you're familiar with this 23 article, aren't you: 24 A. Yes, I am. Page 211 1 Q. And it was published by the 25 International Urogynecological Journal, is that a right? 26 G. And that's the official journal of 6 the International Urogynecological Association, is 7 that right? 28 A. I don't know if it's one—the 29 official one but it's a journal in 29 official one but it's a journal in 20 Q. And that's an organization made up 21 of urogynecologistal sall over the world, isn't it? 22 A. That's correct. 23 A. Yes. 24 A. Yes. 25 Q. And the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that ofn't you, sir? A. Yes, they are. Q. And the people who wrote this article were pathologists just like yourself, is that right? A. Yes, That's correct. 26 Q. And dit was published by the 27 THE DEPONENT: One of them. 28 A. I don't know if it's one—the 29 official one but it's a journal in 29 official one but it's a journal in 20 Q. And that's an organization made up 21 of urogynecologistal sill over the world, isn't it? 22 A. That's correct. 23 A. Yes, they are. A. Yes, the state you understand that on't you, sir? A. Yes, and the authors of this Hill paper are from the Cleveland Clinic here in the United States. You understand that don't you, sir? A. Yes, A. That's correct. A. That's correct. A. Well, I think they're all from Cleveland Clinic. Cleveland Clinic. Is that right, sir? A. A.			1	- •
14 laughing about the Hill paper. 14		•	1	
there. 15 MR. ANDERSON: Well I could but I wasn't there. 16 BY MR. HUTCHINSON: 2 Q. Dr. Iakovlev, you have in front high of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct? 20 A. That's correct. 21 A. That's correct. 22 Q. And you're familiar with this 22 article, aren't you? 23 article, aren't you? 24 A. Yes, I am. Page 211 Q. And it was published by the 1 International Urogynecological Journal, is that right? 3 THE DEPONENT: One of them. BY MR. HUTCHINSON: 4 A. That's correct. 4 Q. And that's the one from the Cleveland Clinic. Is that right? 3 A. Wes, I am. Page 213 THE DEPONENT: One of them. BY MR. HUTCHINSON: 4 A. That's correct. 4 Cleveland Clinic. Is that right, sir? 5 A. Well, I think they're all from Cleveland Clinic. Is that right. 6 Cleveland Clinic. Is that right. 7 A. A Cladly not he, she is from Cleveland Clinic, sorry. 4 Q. And that's the one from the Cleveland Clinic. Is that right. 7 A. Wes, I am. BY MR. HUTCHINSON: 4 Q. Thank you. And, Dr. Iakovlev - 4 A. A Cladly not he, she is from Cleveland Clinic, sorry. 4 Q. Thank you. And, Dr. Iakovlev - 4 A. A Cladly not he, she is from Cleveland Clinic, sorry. 4 Q. Dr. Iakovlev, we conclusion of this 4 Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out for urogynecologists all over the world, isn't it? 5 Q. And that's morganization made up of urogynecologists all over the world, isn't it? 5 A. Yes, it is. 16 A. Yes, it is. 17 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologist, is that correct? 24 MR. ANDERSON: Objection. That's been 4 Hill study that's what these authors occluded, is		* · · · · · · · · · · · · · · · · · · ·		
there. 16			1	- ·
17 BY MR. HUTCHINSON: 18 Q. Dr. lakovlev, you have in front high 19 of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct? 21			1	•
18 Q. Dr. Iakovlev, you have in front high 19 of you the Hill paper entitled "Histopathology of 20 excised midurethral sling mesh". Is that correct? 21 A. That's correct. 22 Q. And you're familiar with this 23 article, aren't you? 24 A. Yes, I am. Page 211 1 Q. And it was published by the 2 International Urogynecological Journal, is that right? 3 q. And that's correct. 4 A. That's correct. 5 Q. And that's the official journal of 6 the International Urogynecological Association, is 7 that right? 8 A. I don't know if it's one the 9 official one but it's a journal in 10 urogynecological field of medicine. 11 Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. Page 211 14 Cleveland Clinic. Is that right, sir? 25 A. Well, I think they're all from 26 Cleveland Clinic. Is that right, sir? 27 A. Actually not he, she is from 28 Cleveland Clinic, sorry. 30 Q. And that's an organization made up 40 And that's an organization made up 41 G. And that's an organization made up 42 G. And that's an organization made up 43 A. Yes, i is. 44 Cleveland Clinic, sorry. 45 Q. Dr. Iakovlev, the conclusion of this 46 A. Yes, I am. 47 Cleveland Clinic, sorry. 48 A. I don't know if it's one the 49 official one but it's a journal in 40 Q. And that's an organization made up 41 do and the focus of their practice is 41 THE DEPONENT: One of them. 42 Cleveland Clinic. Is that right, sir? 43 A. Actually not he, she is from 44 Cleveland Clinic, sorry. 45 Q. Dr. Iakovlev, the conclusion of this 46 A. Yes, I am. 47 Gleveland Clinic, sorry. 48 A. Actually not he, she is from 49 official one but it's a journal in 40 Q. And that's an organization made up 41 because of pain. That's the conclusion of this 41 study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this 41 States. You understand that don't you, sir? 42 A. Yes, I am. 42 G. And that's much different than 43 Q. And that's much different than 44 Q. And that's much different th				
of you the Hill paper entitled "Histopathology of excised midurethral sling mesh". Is that correct? A. That's correct. Q. And you're familiar with this article, aren't you? A. Yes, I am. Page 211 Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one — the official one but it's a journal in urogynecological field of medicine. Q. And that's thin organization made up of off correct (Q. And that's an organization made up of of urogynecologists all over the world, isn't it? A. Yes, I am. Page 211 THE DEPONENT: One of them. BY MR. HUTCHINSON: Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic. or from Cleveland. He's from Cleveland Clinic, sorry. Cleveland Clinic, sorry. Q. And that's an organization made up of urogynecologistal field of medicine. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, I is. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And that's much different than yours. Is that correct; Q. And that's much different than yours. Is that correct, isn't you're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. That's been that that on the conclusion of the Hill study that's what these authors concluded, is	18		1	-
20 excised midurethral sling mesh". Is that correct? 21 A. That's correct. 22 Q. And you're familiar with this 23 article, aren't you? 24 A. Yes, I am. Page 211 1 Q. And it was published by the 2 International Urogynecological Journal, is that right? 4 A. That's correct. 5 Q. And that's the official journal of 6 the International Urogynecological Association, is 7 that right? 8 A. I don't know if it's one the 9 official one but it's a journal in 10 urogynecological field of medicine. 11 Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's the organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, I is. Q. And the focus of their practice is 17 treating gynecological issues, is that right? 18 treating gynecologist is substition of the international Urogynecologists is that right? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that correct; 21 Q. And you from miliar with that article were pathologists; just like yourself, is attait right? 22 article were pathologists just like yourself, is that right? 23 that right? 24 MR. ANDERSON: Objection. Page 211 THE DEPONENT: One of them. 26 Cleveland Clinic. Is that right, sir? 3 A. Well, I think they're all from 4 Cleveland Clinic. Is that right, sir? 5 A. Well, I think they're all from 6 Cleveland Clinic, sorry. 10 Cleveland Clinic, sorry. 11 Q. Dr. Iakovlev 12 Q. Dr. Iakovlev, the conclusion of this 13 that right, sir? 14 Cleveland Clinic, sorry. 15 G. Dr. Iakovlev, the conclusion of this 16 A. Yes, I is. 17 G. MR. ANDERSON: Objection. 18 W. A. That's correct. 19 G. Mad that's much different than 20 Q. And that's much different than 21 yours. Is that correct; You're not a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 24 MR. ANDERSON: Objection. That's been 25 A. Yes, I am. 26 Cleveland Clinic, sorry. 27 Cleveland Clinic, sorry. 28 A. Actually not he, she is from 29 Cleveland Clinic, sorry. 30 Cleveland Clinic, sorry		•	1	
A. That's correct. Q. And you're familiar with this article, aren't you? A. Yes, I am. Page 211 Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one—the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one—the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, i is. Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Actually not he, she is from Cleveland Clinic, sorry. Cleveland Clinic. Q. Dr. Iakovlev, the conclusion of this It study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologists, is that correct? MR. ANDERSON: Objection. That's been		* * *		
Q. And you're familiar with this article, aren't you? A. Yes, I am. Page 211 Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's the official one are the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that correct? A. And the focus of their practice is treating gynecologists or a urogynecologist, is that correct? A. And Cally was that mesh taken ot yours. Is that correct, is nurshell, when we talk about the conclusion of the urologist or a urogynecologist, is that correct? A. And the focus of their practice is treating gynecologist, is that correct? A. And East is hat right? A. Yes, it is. Q. And that's much different than urologist or a urogynecologist, is that correct? A. And East is hat right? A. The DEPONENT: One of them. BY MR. ANDERSON: Objection. Page 213 THE DEPONENT: One of them. BY MR. HUTCHINSON: Cleveland Clinic. Is that right, sir? A. Actually not he, she is from Cleveland Clinic, sorry. Cleveland Clinic, sorry. Cleveland Clinic, sorry. Cleveland Clinic, sorry. Cleveland Clinic, sorry. A. Actually not he, she is from Cleveland Clinic, sorry. A. Actually not he, she is from Cleveland Clinic, sorry. Cleveland Clinic, sorry. A. Actually not he, she is from Cleveland Clinic, sorry. A. Actually not he, she is from Cleveland Clinic, sorry. B. A. Actually not he, she is from Cleveland Clinic, sorry. Cleveland Clinic, sorry. B. A. Actually not he, she is from Cleveland Clinic, sorry. Cleveland Clinic, sorry. B. A. Actually not he, she is from Cleveland Clinic, sorry. Cleveland Clinic, sorry. B. A. Actually not he, she is from Cleveland Clinic, sorry. Cleveland Clinic, sorry. B. A. Ac		<u> </u>	1	
article, aren't you? A. Yes, I am. Page 211 Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. That's what these authors concluded, is			1	
Page 211 Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct; yours is that correct? MR. ANDERSON: Objection. Page 213 THE DEPONENT: One of them. TH		· · · · · · · · · · · · · · · · · · ·	1	
Page 211 1 Q. And it was published by the 2 International Urogynecological Journal, is that 3 right? 4 A. That's correct. 5 Q. And that's the official journal of 6 the International Urogynecological Association, is 7 that right? 8 A. I don't know if it's one the 9 official one but it's a journal in 10 urogynecological field of medicine. 11 Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's an organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, it is. 17 Q. And the focus of their practice is 18 treating gynecological issues, is that right? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 10 THE DEPONENT: One of them. 21 THE DEPONENT: One of them. 22 BY MR. HUTCHINSON: 24 Cleveland Clinic. Is that right, sir? 25 A. Well, I think they're all from 26 Cleveland Clinic. 8 Q. Thank you. And, Dr. Iakovlev 4 A. Actually not he, she is from 27 Cleveland Clinic. 9 Thank you. And, Dr. Iakovlev 4 A. Actually not he, she is from 28 Cleveland Clinic. 9 Thank you. And, Dr. Iakovlev 4 A. Actually not he, she is from 4 Cleveland Clinic. 9 Thank you. And, Dr. Iakovlev 4 A. Actually not he, she is from 4 Cleveland Clinic. 9 Thank you. And, Dr. Iakovlev 4 A. Actually not he, she is from 4 Cleveland Clinic. 9 Thank you. And, Dr. Iakovlev 4 A. Actually not he, she is from 4 Cleveland Clinic. 9 The Deponent of this 4 Cleveland Clinic. 9 The Deponent of this 4 Cleveland Clinic. 9 The Deponent of the must of the process of pain. That's the conclusion of this 4 Study. Is that right, sir? 4 MR. ANDERSON: Objection. 4 The Deponent of the must of the process of pain. That's the conclusion of this 5 Study. Is that right, sir? 6 MR. ANDERSON: Objection. 7 The Deponent of the process of pain. That's the conclusion of this 8 Study. Is that right, sir? 9 MR. ANDERSON: Objection. 9 The Deponent of th		•	1	9
1 Q. And it was published by the 2 International Urogynecological Journal, is that 3 right? 4 A. That's correct. 5 Q. And that's the official journal of 6 the International Urogynecological Association, is 7 that right? 8 A. I don't know if it's one the 9 official one but it's a journal in 10 urogynecological field of medicine. 11 Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's an organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, it is. 17 Q. And the focus of their practice is 18 treating gynecological issues, is that right? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 1 THE DEPONENT: One of them. 2 BY MR. HUTCHINSON: 2 BY MR. HUTCHINSON: 3 Q. And that's the one from the 4 Cleveland Clinic. Is that right, sir? 4 A. Well, I think they're all from 6 Cleveland Clinic or from Cleveland. He's from 7 Cleveland Clinic. 9 Cleveland Clinic. 10 Cleveland Clinic. 11 Q. Thank you. And, Dr. Iakovlev 12 A. Actually not he, she is from 13 Cleveland Clinic. 14 Q. Dr. Iakovlev, the conclusion of this 15 that right, sir? 16 MR. ANDERSON: Objection. 17 MR. ANDERSON: Objection. 18 THE DEPONENT: Well, if you want me to 19 read conclusions I would have to read the 20 conclusions. 21 Q. Well, my question to you, sir, in a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 24 Hill study that's what these authors concluded, is		,		Titte II (B EIte of the objection)
International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that Q. And you're familiar with that A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's an organization than me to read conclusions I would have to read the conclusion of the Hill study that's what these authors concluded, is BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is		Page 211		Page 213
right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. A. Yes, it is. Q. And that's an organization made up treating gynecological issues, is that right? A. That's correct. Q. And that's much different than Q. And that's much different than Q. And that's much different than Q. MR. ANDERSON: Objection. That's been Q. And that's want these authors concluded, is Hill study that's what these authors concluded, is	1		1	
4 A. That's correct. 5 Q. And that's the official journal of 6 the International Urogynecological Association, is 7 that right? 8 A. I don't know if it's one the 9 official one but it's a journal in 10 urogynecological field of medicine. 11 Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's an organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, it is. 17 Q. And the focus of their practice is 18 treating gynecological issues, is that right? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that rogynecologist, is that correct? 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 24 Cleveland Clinic. Is that right, sir? 26 Cleveland Clinic. 28 Q. Thank you. And, Dr. Iakovlev 29 A. Actually not he, she is from 20 Cleveland Clinic. 30 Q. Thank you. And, Dr. Iakovlev 30 Q. Dr. Iakovlev, the conclusion of this 31 q. Actually not he, she is from 31 P. A. Actually not he, she is from 32 Uroleveland Clinic. 33 Q. Thank you. And, Dr. Iakovlev 34 Q. Dr. Iakovlev, the conclusion of this 34 hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this 35 study. Is that right, sir? 36 MR. ANDERSON: Objection. 37 THE DEPONENT: Well, if you want me to read conclusions. 38 P. MR. HUTCHINSON: 39 Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is		Q. And it was published by the		THE DEPONENT: One of them.
5 Q. And that's the official journal of 6 the International Urogynecological Association, is 7 that right? 8 A. I don't know if it's one the 9 official one but it's a journal in 10 urogynecological field of medicine. 11 Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's an organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, it is. 17 Q. And the focus of their practice is 18 treating gynecological issues, is that right? 19 A. That's correct. 20 Q. And that's much different than 21 urologist or a urogynecologist, is that correct? 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 24 Cleveland Clinic. 26 Q. Thank you. And, Dr. Iakovlev 27 A. Actually not he, she is from 28 Q. Thank you. And, Dr. Iakovlev 28 Q. Thank you. And, Dr. Iakovlev 29 A. Actually not he, she is from 20 Cleveland Clinic. 30 Q. Thank you. And, Dr. Iakovlev 30 Q. Dr. Iakovlev, the conclusion of this 31 Q. Dr. Iakovlev, the conclusion of this 32 Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this 33 study. Is that right, sir? 44 because of pain. That's the conclusion of this 45 study. Is that right, sir? 46 MR. ANDERSON: Objection. 47 THE DEPONENT: Well, if you want me to 48 read conclusions. 49 PMR. HUTCHINSON: 40 Q. Well, my question to you, sir, in a 41 nutshell, when we talk about the conclusion of the 49 Hill study that's what these authors concluded, is	2	Q. And it was published by the International Urogynecological Journal, is that	2	THE DEPONENT: One of them. BY MR. HUTCHINSON:
the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. That's what these authors concluded, is	2	Q. And it was published by the International Urogynecological Journal, is that right?	2	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the
that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's an organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, it is. 17 Q. And the focus of their practice is 18 treating gynecological issues, is that right? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's what these authors concluded, is Cleveland Clinic. Q. And A. Actually not he, she is from Q. And clinic, sorry. 10 Cleveland Clinic. Q. Dr. Iakovlev, the conclusion of this 11 Q. Dr. Iakovlev, the conclusion of this 12 reasons has more inflammation than mesh taken out 13 because of pain. That's the conclusion of this 15 study. Is that right, sir? MR. ANDERSON: Objection. 17 THE DEPONENT: Well, if you want me to 18 read conclusions I would have to read the 20 conclusions. Q. Well, my question to you, sir, in a 12 nutshell, when we talk about the conclusion of the 13 Hill study that's what these authors concluded, is	2 3 4	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct.	2 3 4	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir?
A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urogynecologist or a urogynecologist, is that correct? AR. ANDERSON: Objection. That's been R. ANDERSON: Objection. That's wat these authors concluded, is R. ANDERSON: Objection. That's wat these authors concluded, is	2 3 4 5	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of	2 3 4 5	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from
9 official one but it's a journal in 10 urogynecological field of medicine. 11 Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's an organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, it is. 17 Q. And the focus of their practice is 18 treating gynecological issues, is that right? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 10 Cleveland Clinic, sorry. 10 Cleveland Clinic, sorry. 11 Q. Dr. Iakovlev, the conclusion of this 12 Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out 14 because of pain. That's the conclusion of this study. Is that right, sir? 15 MR. ANDERSON: Objection. 17 THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. 20 BY MR. HUTCHINSON: 21 Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is	2 3 4 5 6	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is	2 3 4 5 6	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from
10 urogynecological field of medicine. 11 Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's an organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, it is. 17 Q. Dr. Iakovlev, the conclusion of this 18 treating gynecologists all over the world, isn't it? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 24 Urologist or a urogynecological, is that correct? 26 MR. ANDERSON: Objection. That's been 27 Urologist or a urogynecologist, is that correct? 28 Hill study that's what these authors concluded, is	2 3 4 5 6 7	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right?	2 3 4 5 6 7	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic.
Q. And you're familiar with that 12 association aren't you, sir. 13 A. Yes, I am. 14 Q. And that's an organization made up 15 of urogynecologists all over the world, isn't it? 16 A. Yes, it is. 17 Q. And the focus of their practice is 18 treating gynecological issues, is that right? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's what these authors concluded, is	2 3 4 5 6 7 8	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the	2 3 4 5 6 7 8	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev
association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. 12 Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. 17 THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. 20 BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in	2 3 4 5 6 7 8	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from
A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than urologist or a urogynecologist, is that correct? AR. Yes, it is. D. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. D. And that's much different than urologist or a urogynecologist, is that correct? AR. ANDERSON: Objection. D. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine.	2 3 4 5 6 7 8 9	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry.
Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that	2 3 4 5 6 7 8 9 10	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this
of urogynecologists all over the world, isn't it? 16 A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir.	2 3 4 5 6 7 8 9 10 11	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain
A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11 12 13	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am.	2 3 4 5 6 7 8 9 10 11 12 13	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out
17 Q. And the focus of their practice is 18 treating gynecological issues, is that right? 19 A. That's correct. 20 Q. And that's much different than 21 yours. Is that correct, sir? You're not a 22 urologist or a urogynecologist, is that correct? 23 MR. ANDERSON: Objection. That's been 24 THE DEPONENT: Well, if you want me to 28 read conclusions I would have to read the 29 conclusions. 20 BY MR. HUTCHINSON: 21 Q. Well, my question to you, sir, in a 22 nutshell, when we talk about the conclusion of the 23 Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up	2 3 4 5 6 7 8 9 10 11 12 13 14	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this
treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. That's been 18 read conclusions I would have to read the conclusions. BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it?	2 3 4 5 6 7 8 9 10 11 12 13 14	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir?
A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct? MR. ANDERSON: Objection. That's been 19 conclusions. 20 BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection.
Q. And that's much different than 20 BY MR. HUTCHINSON: 21 yours. Is that correct, sir? You're not a 21 Q. Well, my question to you, sir, in a 22 urologist or a urogynecologist, is that correct? 22 nutshell, when we talk about the conclusion of the 23 MR. ANDERSON: Objection. That's been 23 Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to
yours. Is that correct, sir? You're not a 21 Q. Well, my question to you, sir, in a 22 urologist or a urogynecologist, is that correct? 22 nutshell, when we talk about the conclusion of the 23 MR. ANDERSON: Objection. That's been 23 Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the
urologist or a urogynecologist, is that correct? 22 nutshell, when we talk about the conclusion of the MR. ANDERSON: Objection. That's been 23 Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions.
MR. ANDERSON: Objection. That's been 23 Hill study that's what these authors concluded, is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. BY MR. HUTCHINSON:
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a
24 asked two or three times. He's a pathologist. 24 that correct?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. And it was published by the International Urogynecological Journal, is that right? A. That's correct. Q. And that's the official journal of the International Urogynecological Association, is that right? A. I don't know if it's one the official one but it's a journal in urogynecological field of medicine. Q. And you're familiar with that association aren't you, sir. A. Yes, I am. Q. And that's an organization made up of urogynecologists all over the world, isn't it? A. Yes, it is. Q. And the focus of their practice is treating gynecological issues, is that right? A. That's correct. Q. And that's much different than yours. Is that correct, sir? You're not a urologist or a urogynecologist, is that correct?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	THE DEPONENT: One of them. BY MR. HUTCHINSON: Q. And that's the one from the Cleveland Clinic. Is that right, sir? A. Well, I think they're all from Cleveland Clinic or from Cleveland. He's from Cleveland Clinic. Q. Thank you. And, Dr. Iakovlev A. Actually not he, she is from Cleveland Clinic, sorry. Q. Dr. Iakovlev, the conclusion of this Hill study was that mesh taken out for non-pain reasons has more inflammation than mesh taken out because of pain. That's the conclusion of this study. Is that right, sir? MR. ANDERSON: Objection. THE DEPONENT: Well, if you want me to read conclusions I would have to read the conclusions. BY MR. HUTCHINSON: Q. Well, my question to you, sir, in a nutshell, when we talk about the conclusion of the

54 (Pages 210 to 213)

	Page 214		Page 216
1	MR. ANDERSON: Objection to form.	1	there.
2	THE DEPONENT: So their conclusion was	2	BY MR. HUTCHINSON:
3	that levels of inflammation the way they graded	3	Q. Dr. Iakovlev, are you on page 595?
4	it, because they used their own grading system and	4	A. Yes, I am.
5	they graded only one part of the inflammation, was	5	Q. The author write at the bottom:
6	higher in those meshes which were excised for	6	"Vaginally placed, mid-urethral
7	voiding dysfunction rather than for pain and or	7	sling mesh that is excised for voiding
8	exposure. So they would combine meshes which were	8	dysfunction demonstrates elevated
9	excised either for pain or for exposure. They did	9	levels of inflammation compared to mesh
10	not select specifically a group for pain. It was	10	that is excised for pain and/or
11	a combined group.	11	exposure."
12	BY MR. HUTCHINSON:	12	Did I read that correctly, sir?
13	Q. Move to strike as nonresponsive.	13	A. Yes, you did.
14	Dr. Iakovlev, the conclusion of the Hill	14	Q. And that's the exact opposite of
15	study was that mesh taken out for non-pain reasons	15	what you found isn't it, sir?
16	has more inflammation than mesh taken out because	16	MR. ANDERSON: Objection.
17	of pain. That's what the authors found, right?	17	THE DEPONENT: No, it is not.
18	MR. ANDERSON: Objection. Asked and	18	BY MR. HUTCHINSON:
19	answered and you're putting words in the paper's	19	Q. Doctor, do you disagree with the
20	mouth. Go ahead.	20	doctors from the Cleveland Clinic?
21	BY MR. HUTCHINSON:	21	MR. ANDERSON: Objection, form.
22	Q. Yes or no, Dr. Iakovlev.	22	THE DEPONENT: You mean with their
23	MR. ANDERSON: Same objection.	23	conclusions? With their results.
24		24	
	Page 215		Page 217
1	BY MR. HUTCHINSON:	1	BY MR. HUTCHINSON:
2			
	Q. Can you answer that question yes or	2	
3	Q. Can you answer that question yes or no?	2	Q. Yes, sir, you disagree with the
	no?		
3		3	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir?
3 4	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON:	3 4	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you,
3 4 5	no? MR. ANDERSON: Same objection.	3 4 5	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the
3 4 5 6	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or	3 4 5 6	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you
3 4 5 6 7	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no?	3 4 5 6 7	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how
3 4 5 6 7 8	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection.	3 4 5 6 7 8	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead
3 4 5 6 7 8 9	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your	3 4 5 6 7 8 9	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it.
3 4 5 6 7 8 9	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions	3 4 5 6 7 8 9	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive.
3 4 5 6 7 8 9 10	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different.	3 4 5 6 7 8 9 10	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree
3 4 5 6 7 8 9 10 11	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON:	3 4 5 6 7 8 9 10 11 12	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic
3 4 5 6 7 8 9 10 11 12 13	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the	3 4 5 6 7 8 9 10 11 12 13	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no?
3 4 5 6 7 8 9 10 11 12 13 14	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the conclusions in the paper. Turn with me to page	3 4 5 6 7 8 9 10 11 12 13 14	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no? MR. ANDERSON: Objection, asked and
3 4 5 6 7 8 9 10 11 12 13 14	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the conclusions in the paper. Turn with me to page 595. Are you there?	3 4 5 6 7 8 9 10 11 12 13 14	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no? MR. ANDERSON: Objection, asked and answered.
3 4 5 6 7 8 9 10 11 12 13 14 15	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the conclusions in the paper. Turn with me to page 595. Are you there? A. Well, I'm also looking at	3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no? MR. ANDERSON: Objection, asked and answered. BY MR. HUTCHINSON:
3 4 5 6 7 8 9 10 11 12 13 14 15 16	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the conclusions in the paper. Turn with me to page 595. Are you there? A. Well, I'm also looking at conclusions in the abstract because it says	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no? MR. ANDERSON: Objection, asked and answered. BY MR. HUTCHINSON: Q. I'm asking for a yes or no answer.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the conclusions in the paper. Turn with me to page 595. Are you there? A. Well, I'm also looking at conclusions in the abstract because it says Q. Move to strike as nonresponsive.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no? MR. ANDERSON: Objection, asked and answered. BY MR. HUTCHINSON: Q. I'm asking for a yes or no answer. Can you answer that question yes or no, Dr. Iakovlev? MR. ANDERSON: Same objection.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the conclusions in the paper. Turn with me to page 595. Are you there? A. Well, I'm also looking at conclusions in the abstract because it says Q. Move to strike as nonresponsive. MR. ANDERSON: You said look at the	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no? MR. ANDERSON: Objection, asked and answered. BY MR. HUTCHINSON: Q. I'm asking for a yes or no answer. Can you answer that question yes or no, Dr. Iakovlev?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the conclusions in the paper. Turn with me to page 595. Are you there? A. Well, I'm also looking at conclusions in the abstract because it says Q. Move to strike as nonresponsive. MR. ANDERSON: You said look at the conclusions. There is no conclusions on the page	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no? MR. ANDERSON: Objection, asked and answered. BY MR. HUTCHINSON: Q. I'm asking for a yes or no answer. Can you answer that question yes or no, Dr. Iakovlev? MR. ANDERSON: Same objection.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	no? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Can you answer that question yes or no? MR. ANDERSON: Same objection. THE DEPONENT: I cannot agree with your wording of the conclusions because the conclusions in the paper are somewhat different. BY MR. HUTCHINSON: Q. Doctor, let's look at the conclusions in the paper. Turn with me to page 595. Are you there? A. Well, I'm also looking at conclusions in the abstract because it says Q. Move to strike as nonresponsive. MR. ANDERSON: You said look at the conclusions. There is no conclusions on the page you are looking at.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Yes, sir, you disagree with the Cleveland Clinic doctors' conclusions don't you, sir? A. Well, I mean, the way they did the study that's what numbers they got. But if you want me to discuss exactly how it was done and how they reached to those conclusions I can go ahead and discuss it. Q. Move to strike as nonresponsive. Doctor, my question is do you disagree with the conclusions that the Cleveland Clinic doctors found in the Hill paper? Yes or no? MR. ANDERSON: Objection, asked and answered. BY MR. HUTCHINSON: Q. I'm asking for a yes or no answer. Can you answer that question yes or no, Dr. Iakovlev? MR. ANDERSON: Same objection. BY MR. HUTCHINSON:

55 (Pages 214 to 217)

	Page 218		Page 220
1	real-time his transcript.	1	Q. And her mesh is made of a material
2	MR. ANDERSON: You can ask every time	2	known as Prolene?
3	that you would like to know you can ask the	3	A. That's a brand name. Ethicon's
4	court reporter to repeat it and then she can	4	brand name of polypropylene.
5	repeat his question for you if you want, or you	5	Q. And you know that Ethicon's Prolene
6	can ask him to repeat it. And when the time is up	6	material has been used in the body for almost 50
7	today the time will be up. So if you want to chew	7	years?
8	up your time go right ahead, pal. So go ahead.	8	A. That's correct.
9	If you need to ask her to re-read something as	9	Q. And St. Michael's, that's the
10	many times as you want then you feel free to do	10	hospital where you work in Canada, is that
11	it. Alright? Good.	11	correct?
12	THE DEPONENT: Okay.	12	A. That's correct.
13	BY MR. HUTCHINSON:	13	Q. And St. Michael's uses Prolene
14	Q. Dr. Iakovlev, can you answer that	14	sutures don't they, sir?
15	question yes or no?	15	A. Yes, they do.
16	A. You have to repeat the question now.	16	Q. And the hospital where you work in
17	Q. Do you agree with the conclusions	17	Canada uses Prolene mesh for hernia repair. Isn't
18	that the authors from the Cleveland Clinic found	18	that correct, sir?
19	in the Hill paper?	19	A. Yes, they do.
20	MR. ANDERSON: Same objection. Go	20	Q. And, Dr. Iakovlev, you have never
21	ahead.	21	told anybody at the hospital where you work to
22	BY MR. HUTCHINSON:	22	stop using Prolene sutures have you?
23	Q. Yes or no?	23	MR. ANDERSON: Objection. Go ahead.
24	MR. ANDERSON: Objection to form as	24	THE DEPONENT: Not sutures.
21	•	24	
	Page 219		Page 221
1	well.	1	BY MR. HUTCHINSON:
2	BY MR. HUTCHINSON:	2	BY MR. HUTCHINSON: Q. Doctor, let's talk about
2 3	BY MR. HUTCHINSON: Q. My question is asking for a yes or	2	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant.
2 3 4	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an	2 3 4	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay.
2 3 4 5	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my	2 3 4 5	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of
2 3 4 5 6	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you	2 3 4 5 6	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date.
2 3 4 5	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion	2 3 4 5 6 7	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right?
2 3 4 5 6	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their	2 3 4 5 6	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015.
2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the	2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was
2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they	2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that.
2 3 4 5 6 7 8 9 10	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are	2 3 4 5 6 7 8 9 10	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in
2 3 4 5 6 7 8 9	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I	2 3 4 5 6 7 8 9 10 11	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010?
2 3 4 5 6 7 8 9 10	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study.	2 3 4 5 6 7 8 9 10 11 12	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct.
2 3 4 5 6 7 8 9 10 11	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I	2 3 4 5 6 7 8 9 10 11	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in
2 3 4 5 6 7 8 9 10 11 12 13	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study.	2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015?
2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study. Q. Can you answer that question yes or	2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015? A. That's correct.
2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study. Q. Can you answer that question yes or no? A. I cannot answer it yes or no because I did not do the study.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015? A. That's correct. Q. And the mesh that you examined was
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study. Q. Can you answer that question yes or no? A. I cannot answer it yes or no because	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015? A. That's correct. Q. And the mesh that you examined was in her body for four and a half, five years, is
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study. Q. Can you answer that question yes or no? A. I cannot answer it yes or no because I did not do the study.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015? A. That's correct. Q. And the mesh that you examined was
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study. Q. Can you answer that question yes or no? A. I cannot answer it yes or no because I did not do the study. Q. Doctor, let's switch gears for a	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015? A. That's correct. Q. And the mesh that you examined was in her body for four and a half, five years, is
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study. Q. Can you answer that question yes or no? A. I cannot answer it yes or no because I did not do the study. Q. Doctor, let's switch gears for a minute and I want to talk about Prolene. Okay?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015? A. That's correct. Q. And the mesh that you examined was in her body for four and a half, five years, is that correct? A. Yes. Q. And at some point after it was
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you — A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study. Q. Can you answer that question yes or no? A. I cannot answer it yes or no because I did not do the study. Q. Doctor, let's switch gears for a minute and I want to talk about Prolene. Okay? A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015? A. That's correct. Q. And the mesh that you examined was in her body for four and a half, five years, is that correct? A. Yes. Q. And at some point after it was removed the mesh samples were divided between the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. My question is asking for a yes or no, Dr. Iakovlev, and then I'll give you an opportunity to give a brief explanation. But my question is asking for a yes or no. Do you A. I would have no specific opinion regarding their conclusions. That's what their conclusions in the study. I wasn't doing the study. I can explain you what they did, how they came to these conclusions but the conclusions are there. I mean, I don't agree or disagree. I didn't do the study. Q. Can you answer that question yes or no? A. I cannot answer it yes or no because I did not do the study. Q. Doctor, let's switch gears for a minute and I want to talk about Prolene. Okay? A. Yes. Q. Now, you were asked by the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. Doctor, let's talk about Ms. Ramirez's explant. A. Okay. Q. It was taken out in September of 2010, and I'll represent to you that was the date. Does that sound about right? A. No, it was taken in March 2015. Q. I'm sorry, strike that. It was implanted strike that. Ms. Ramirez's TVT-O was implanted in September of 2010? A. That's correct. Q. And part of it was taken out in March of 2015? A. That's correct. Q. And the mesh that you examined was in her body for four and a half, five years, is that correct? A. Yes. Q. And at some point after it was

56 (Pages 218 to 221)

	Page 222		Page 224
1	consultant.	1	Q. Thank you. Now let's talk about
2	Q. And you received half and the	2	tissue, Dr. Iakovlev. You know that human tissue
3	defendants received half, is that right?	3	contains proteins?
4	A. That's correct.	4	A. Yes.
5	Q. So after it was removed from her	5	Q. In fact human tissue is mostly
6	body it was placed in formalin?	6	proteins isn't it, sir?
7	A. That's correct.	7	A. Human tissue is mostly water and
8	Q. And that's how you received it?	8	then what is not water is mostly proteins.
9	A. That's correct.	9	Q. Proteins is a close second, will you
10	Q. And you didn't alter the specimen	10	give me that?
11	did you, sir?	11	A. Yes.
12	A. What do you mean?	12	Q. And proteins adsorb to the mesh
13	Q. Did you alter the specimen? Did you	13	explants don't they, sir?
14	try and take any proteins of the specimen?	14	MR. ANDERSON: Objection to form.
15	MR. ANDERSON: Different question.	15	BY MR. HUTCHINSON:
16	Object to form anyway.	16	Q. They stick to it?
17	THE DEPONENT: I don't exactly	17	A. I'm not sure if we can call it like
18	understand what you're asking.	18	this. Proteins surround the
19	BY MR. HUTCHINSON:	19	Q. The explant.
20	Q. Well let's be precise, Dr. Iakovlev.	20	MR. ANDERSON: Let him finish his
21	You received the excised mesh with tissue on it in	21	answer.
22	a jar of formalin, is that correct?	22	THE DEPONENT: The implant. Anything
23	A. That's correct.	23	goes in the body the fluid with proteins fills all
24	Q. And you never saw the mesh before it	24	the spaces and surrounds all the parts. If it
	Page 223		Page 225
1	was placed in this formalin, is that right?	1	sticks or doesn't stick that's a different
2	A. That's correct.	2	question but it surrounds.
3	Q. Now, we've used the word "formalin"	3	BY MR. HUTCHINSON:
4	a lot but I want us to understand that's a	4	Q. And human protein coat a medical
5	solution that contains chemicals such as	5	device once it's put in the body. Is that
6	formaldehyde, isn't that right?	6	correct, sir?
7	A. That's right. I explained it	7	A. Again, I wouldn't call it "coating"
8	earlier what it is and how we use it.	8	or "not coating" they surround it. If they coat
9	Q. And formaldehyde that's a chemical	9	or not that's that depends on the materials.
10	that's used to embalm people who've died, is that	10	of not that's that depends on the materials.
11	right?	11	THE COURT REPORTER: Counsel in the call
12		12	has been disconnected. Just to let you know.
13	A. Part of it. I mean, embalming fluid is a complex fluid. There are many other	13	THE VIDEOGRAPHER: Going off the record
14	substances in it.	14	at 2:24 p.m.
15	Q. But the bottom line is formalin	15	Break taken.
16	preserves the tissue so it won't rot or decay?	16	THE VIDEOGRAPHER: Back on the record at
17	A. That's correct. It's been used like	17	2:27 p.m.
18	this for pathology for hundred years.	18	BY MR. HUTCHINSON:
19	Q. And this preservation allows a	19	Q. Dr. Iakovlev, you'll agree that
20	pathologist like yourself to study tissue?	20	foreign objects such as a mesh implant become
21	A. That's correct.	21	coated with human proteins?
22	Q. And you'll agree that after tissue	22	A. As I said, coating, not coating,
		23	permanent coating, I mean, it depends on the
123	has been in termalin it will contract?		
23 24	has been in formalin it will contract? A. To a degree.	24	material, it depends on the timing. At one point

57 (Pages 222 to 225)

Page 226 Page 228 1 they can be and then that coating is being 1 any time? 2 resorbed. 2 Q. At the time it was taken out of her 3 Q. Move to strike as nonresponsive. 3 body. Dr. Iakovlev, my question is for a yes 4 4 A. Whatever was outside of the mesh was 5 or no, do you agree that foreign objects become 5 containing proteins. I mean, that's the nature of 6 6 coated with human proteins? human tissues. If it surrounds foreign body there 7 7 MR. ANDERSON: Same objection. And -are proteins. 8 well object to form, and asked and answered, and 8 Q. Thank you. And, Doctor, you 9 you can give him the same answer. 9 understand that formalin crosslinks with proteins 10 10 that are in the tissue. That's something you THE DEPONENT: Foreign objects are surrounded. Some of them can be coated, depends 11 11 understand, is that right? 12 12 on the object, depends on the surface properties. A. That's how it preserves it. 13 BY MR. HUTCHINSON: 13 Q. And that's pathology 101 isn't it? 14 Q. Well in fact, Doctor, you've written 14 A. 101 I don't know but how it 15 "Foreign objects become coated with human proteins 15 preserves proteins. 16 before the appearance of the inflammatory cells." 16 Q. That's part of the basic 17 That's something you've written. 17 pathological training that you've participated in. 18 18 Is that right, sir? A. Yes, I did. And I'm saying that 19 some of them become firmly coated, some of them 19 A. Yes. 20 just surround it. It all depends on an object. 2.0 Q. And you'll agree that the formalin 21 Q. And, Dr. Iakovlev, you've made no 21 and protein crosslinking will stiffen the tissue? 22 efforts to clean off the proteins from 22 A. Yes, it is. It does. 23 Ms. Ramirez's explant, is that correct? 23 O. And it stiffens the tissue so that a 24 MR. ANDERSON: Objection to form. 24 pathologist like yourself can make slices of the Page 227 Page 229 bread that you discussed this morning in your 1 THE DEPONENT: That would destroy my 1 2 histology completely. That's not what 2 direct exam, correct? 3 3 pathologists do. Pathologists try to preserve the A. No, that's not correct. That's not 4 specimen the way it is and then examine it in 4 why we do it. If you want me to give full answer 5 cross-sections. I mean, why would I do that? 5 or yes or no answer, I mean, but your statement 6 6 BY MR. HUTCHINSON: was not correct. 7 7 Q. Doctor, you don't know the specific Q. Move to strike as nonresponsive. 8 8 My question, Doctor, you didn't make any details of the chemical reaction that occurs when 9 9 efforts to clean the formalin -- strike that. formalin crosslinks with tissue, you? 10 10 My question, Doctor, you didn't make any A. Well you just said it, it 11 efforts to clean off the proteins from the explant 11 crosslinks. 12 from Ms. Ramirez, correct? 12 Q. My question, Doctor, is you don't 13 MR. ANDERSON: Objection, asked and 13 know the specific details of the chemical reaction 14 answered. Go ahead. 14 that occurs when formalin crosslinks with tissues, 15 THE DEPONENT: I mean, in opposite. I 15 yes or no? 16 16 try to preserve as much as possible of the A. You just named it. Molecules of 17 specimen. 17 formalin crosslink with proteins. That's what the 18 BY MR. HUTCHINSON: 18 chemical process is. 19 19 Q. That's something that you know? Q. Now, we know that the mesh was put 20 20 in formalin? A. Yes. 21 21 A. That's correct, for preservation. Q. Okay. Doctor, I want to hand you the trial transcript in the Bellew case. Now you 22 Q. For preservation. And we know the 22 23 mesh was coated with proteins, correct? 23 testified under oath in front of a judge and a jury in the Bellew case in West Virginia didn't A. At the time of explantation or at 24 24

58 (Pages 226 to 229)

	Page 230		Page 232
1	you, sir?	1	bacteria."
2	A. Yes.	2	Did I read that correctly, sir?
3	Q. And did you promise to tell the	3	MR. ANDERSON: Exactly. Objection to
4	truth when you took the witness stand?	4	improper impeachment. That's exactly what he
5	MR. ANDERSON: He testified under oath.	5	said. Did he read it right?
6	Why do you keep trying to beat him up like that?	6	THE DEPONENT: Yes, he read it right.
7	BY MR. HUTCHINSON:	7	BY MR. HUTCHINSON:
8	Q. Dr. Iakovlev	8	Q. And, Doctor, specifically for
9	MR. ANDERSON: He testified under oath.	9	Prolene you don't know the extent to which protein
10	So stipulated.	10	forms a bond with Prolene do you?
11	BY MR. HUTCHINSON:	11	A. Um, can you repeat that question?
12	Q. Dr. Iakovlev, did you promise to	12	Q. You don't know the extent to which
13	tell the truth when you were in West Virginia	13	proteins form a bond with Prolene do you?
14	talking to the judge and jury?	14	A. Which protein? You have to I
15	MR. ANDERSON: Same objection.	15	mean, there are hundreds of proteins in the human
16	BY MR. HUTCHINSON:	16	body. Some of them don't bind to anything and
17	Q. Dr. Iakovlev, did you promise to	17	some of them bind I mean their function is to
18	tell the truth when you were talking to the judge	18	bind to surfaces. So which exactly protein are
19	and jury in West Virginia?	19	you asking?
20	MR. ANDERSON: Same objection.	20	Q. Doctor, I'm talking about any of the
21	BY MR. HUTCHINSON:	21	proteins that you've ever studied as a
22	Q. I need an answer. Yes or no?	22	pathologist. You don't know the extent to which
23	A. I've answered the question many	23	proteins form a bond with Prolene do you, sir?
24	times.	24	A. Like chemical bond?
	Page 231		
	Page 231		Page 233
1		1	
1 2	Q. My question is, Doctor, did you	1 2	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about
	Q. My question is, Doctor, did you promise to tell the truth when you were talking to		MR. ANDERSON: He asked you a question.
2	Q. My question is, Doctor, did you	2	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about
2 3	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia?	2	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond?
2 3 4	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection.	2 3 4	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON:
2 3 4 5	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON:	2 3 4 5	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir.
2 3 4 5 6	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no.	2 3 4 5 6	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic
2 3 4 5 6 7	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection.	2 3 4 5 6 7	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond.
2 3 4 5 6 7 8	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did.	2 3 4 5 6 7 8	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond.
2 3 4 5 6 7 8 9	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON:	2 3 4 5 6 7 8	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical
2 3 4 5 6 7 8 9	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line	2 3 4 5 6 7 8 9	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene.
2 3 4 5 6 7 8 9 10	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page.	2 3 4 5 6 7 8 9 10	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir?
2 3 4 5 6 7 8 9 10 11	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev?	2 3 4 5 6 7 8 9 10 11	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene
2 3 4 5 6 7 8 9 10 11 12 13	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev?	2 3 4 5 6 7 8 9 10 11 12 13 14	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic,
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev? A. Yes, I am.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic, hydrostatic bond? I mean, you have to ask
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev? A. Yes, I am. Q. "QUESTION: Can you tell the jury	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic, hydrostatic bond? I mean, you have to ask specific question.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev? A. Yes, I am. Q. "QUESTION: Can you tell the jury the chemical reaction that occurs when	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic, hydrostatic bond? I mean, you have to ask
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev? A. Yes, I am. Q. "QUESTION: Can you tell the jury the chemical reaction that occurs when formalin crosslinks with the tissues.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic, hydrostatic bond? I mean, you have to ask specific question. Q. Can you answer the question as I've asked it?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev? A. Yes, I am. Q. "QUESTION: Can you tell the jury the chemical reaction that occurs when formalin crosslinks with the tissues. "ANSWER: Specific details?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic, hydrostatic bond? I mean, you have to ask specific question. Q. Can you answer the question as I've asked it? A. Not the way you asked.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev? A. Yes, I am. Q. "QUESTION: Can you tell the jury the chemical reaction that occurs when formalin crosslinks with the tissues. "ANSWER: Specific details?" "QUESTION: Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic, hydrostatic bond? I mean, you have to ask specific question. Q. Can you answer the question as I've asked it? A. Not the way you asked. Q. And, Doctor, let's talk about how
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev? A. Yes, I am. Q. "QUESTION: Can you tell the jury the chemical reaction that occurs when formalin crosslinks with the tissues. "ANSWER: Specific details? "QUESTION: Yes. "ANSWER: I don't know specific	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic, hydrostatic bond? I mean, you have to ask specific question. Q. Can you answer the question as I've asked it? A. Not the way you asked. Q. And, Doctor, let's talk about how you prepared the samples from Ms. Ramirez. Okay?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. My question is, Doctor, did you promise to tell the truth when you were talking to the judge and jury in West Virginia? MR. ANDERSON: Same objection. BY MR. HUTCHINSON: Q. Yes or no. MR. ANDERSON: Same objection. THE DEPONENT: Yes, I did. BY MR. HUTCHINSON: Q. Doctor, let's look at page 676, line 24. Question, are you there with me? Dr. Iakovlev? A. Just let me read the whole page. Q. I'm on page 676, line 24. Are you there with me now, Dr. Iakovlev? A. Yes, I am. Q. "QUESTION: Can you tell the jury the chemical reaction that occurs when formalin crosslinks with the tissues. "ANSWER: Specific details?" "QUESTION: Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: He asked you a question. THE DEPONENT: Are you asking about chemical bond? BY MR. HUTCHINSON: Q. Yes, sir. A. Hydrostatic bond, electrostatic bond. Q. Chemical bond. A. I don't think there is any chemical bond between proteins and Prolene. Q. And, Doctor, you don't know the extent to which proteins form a bond with Prolene from an adhesion standpoint do you, sir? A. What do you mean again adhesion? Is it covalent bond? Is it electrostatic, hydrostatic bond? I mean, you have to ask specific question. Q. Can you answer the question as I've asked it? A. Not the way you asked. Q. And, Doctor, let's talk about how

59 (Pages 230 to 233)

II.	Page 234		Page 236
1	the slices of the bread, so to speak. Alright?	1	correct? It's a yes or no.
2	A. If you want to use that analogy,	2	MR. ANDERSON: Do you understand the
3	yes, we can.	3	question.
4	Q. And the Ramirez slides were	4	THE DEPONENT: I do.
5	processed the same way that you've processed	5	MR. ANDERSON: Okay. Objection to form.
6	slides for other litigation, is that correct?	6	Go ahead.
7	A. For all specimens processed in the	7	BY MR. HUTCHINSON:
8	lab, all labs in North America use exactly the	8	Q. I'm asking for a yes or no,
9	same process.	9	Dr. Iakovlev.
10	Q. Okay.	10	A. Yes, they were done exactly the same
11	A. And we use the same machinery. We	11	way as all other diagnostic specimens.
12	use the same chemicals. Everything is processed	12	Q. Thank you. Now, as part of the St.
13	the same way.	13	Michael's protocol the sample was first exposed to
14	Q. Let's talk about how it was done	14	alcohol or ethanol, correct?
15	here in Canada, okay?	15	A. No. The samples came in formalin so
16	A. It's not just in Canada. It's done	16	first stage is formalin.
17	the same way anywhere in the world.	17	Q. And then after formalin, according
18	Q. I understand. It was done pursuant	18	to the St. Michael's protocol, the samples are
19	to the St. Michael's protocol, is that right?	19	exposed to ethanol or a form of alcohol, correct?
20	A. I'm telling you this is not our	20	A. According to all protocols in North
21	protocol. It's a machine which is made maybe in	21	American laboratories after formalin there are
22	United States, maybe in Europe and chemicals are	22	several solutions of alcohol.
23	likely made in the United States. They are bought	23	Q. Is that a yes, Dr. Iakovley?
24	in large supplying companies. Everything is	24	A. Yes to what?
	Page 235		Page 237
	1436 233		
1		1	
1	shared.	1	Q. My question of whether or not the
2	shared. Q. Move to strike as nonresponsive.	2	Q. My question of whether or not the sample was exposed to alcohol?
2	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about	2	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol
2 3 4	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your	2 3 4	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you.
2 3 4 5	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question.	2 3 4 5	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab.
2 3 4 5 6	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON:	2 3 4 5 6	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes
2 3 4 5 6 7	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It	2 3 4 5 6 7	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir?
2 3 4 5 6 7 8	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol,	2 3 4 5 6 7 8	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form.
2 3 4 5 6 7 8	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct?	2 3 4 5 6 7 8	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree.
2 3 4 5 6 7 8 9	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form.	2 3 4 5 6 7 8 9	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON:
2 3 4 5 6 7 8 9 10	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't	2 3 4 5 6 7 8 9 10	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St.
2 3 4 5 6 7 8 9 10 11	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't	2 3 4 5 6 7 8 9 10 11	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was
2 3 4 5 6 7 8 9 10 11 12 13	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery.	2 3 4 5 6 7 8 9 10 11 12 13	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that
2 3 4 5 6 7 8 9 10 11 12 13 14	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir?
2 3 4 5 6 7 8 9 10 11 12 13 14	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive.	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Dr. Iakovlev, Ms. Ramirez's slides were	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after alcohol will be xylene.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Dr. Iakovlev, Ms. Ramirez's slides were processed pursuant to the St. Michael's protocol,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after alcohol will be xylene. Q. And xylene is a solvent isn't it,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Dr. Iakovlev, Ms. Ramirez's slides were processed pursuant to the St. Michael's protocol, correct?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after alcohol will be xylene. Q. And xylene is a solvent isn't it, sir?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Dr. Iakovlev, Ms. Ramirez's slides were processed pursuant to the St. Michael's protocol, correct? A. We do exactly the same way as any	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after alcohol will be xylene. Q. And xylene is a solvent isn't it, sir? A. It is.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Dr. Iakovlev, Ms. Ramirez's slides were processed pursuant to the St. Michael's protocol, correct? A. We do exactly the same way as any other lab in North America. I mean, our protocols	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after alcohol will be xylene. Q. And xylene is a solvent isn't it, sir? A. It is. Q. Xylene is used to dissolve the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Dr. Iakovlev, Ms. Ramirez's slides were processed pursuant to the St. Michael's protocol, correct? A. We do exactly the same way as any other lab in North America. I mean, our protocols are exactly the same as in any other lab.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after alcohol will be xylene. Q. And xylene is a solvent isn't it, sir? A. It is. Q. Xylene is used to dissolve the paraffin wax used in the embedding process. Isn't
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Dr. Iakovlev, Ms. Ramirez's slides were processed pursuant to the St. Michael's protocol, correct? A. We do exactly the same way as any other lab in North America. I mean, our protocols are exactly the same as in any other lab. Q. Move to strike as nonresponsive.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after alcohol will be xylene. Q. And xylene is a solvent isn't it, sir? A. It is. Q. Xylene is used to dissolve the paraffin wax used in the embedding process. Isn't that correct, sir?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	shared. Q. Move to strike as nonresponsive. MR. ANDERSON: You said let's talk about how it's not in Canada and he's answering your question. BY MR. HUTCHINSON: Q. My question is very specific. It was done pursuant to the St. Michael's protocol, correct? MR. ANDERSON: Objection to the form. THE DEPONENT: Our protocols don't differ from any other protocol. Again, I don't think we can modify much machinery. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. Dr. Iakovlev, Ms. Ramirez's slides were processed pursuant to the St. Michael's protocol, correct? A. We do exactly the same way as any other lab in North America. I mean, our protocols are exactly the same as in any other lab.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. My question of whether or not the sample was exposed to alcohol? A. They were exposed to alcohol Q. Thank you. A like in any other lab. Q. Thank you. And alcohol causes tissue to shrink doesn't it, sir? MR. ANDERSON: Objection to form. THE DEPONENT: To a degree. BY MR. HUTCHINSON: Q. Thank you. And as part of the St. Michael's protocol the sample of Ms. Ramirez was treated with a chemical known as xylene. Is that correct, sir? A. In all labs the next step after alcohol will be xylene. Q. And xylene is a solvent isn't it, sir? A. It is. Q. Xylene is used to dissolve the paraffin wax used in the embedding process. Isn't

60 (Pages 234 to 237)

	Page 238		Page 240
1	found naturally in the body is it?	1	for these two concepts is used in completely
2	A. No.	2	different terms. One is chemical testing the
3	Q. And in fact you've never analyzed	3	other one is chemical changes.
4	the chemical effect that xylene has on Prolene	4	BY MR. HUTCHINSON:
5	have you, sir?	5	Q. Dr. Iakovlev, you've never done any
6	A. I have. I did.	6	chemical testing on the effect that xylene has on
7	Q. Doctor, let's look at the Bellew	7	Prolene have you, sir?
8	transcript. You have it in front of you.	8	A. Um, well I used chemicals to stain
9	A. Yes, I do.	9	the mesh which had been exposed to xylene, that's
10	Q. This is when you testified in front	10	a part of chemicals. If we talk about some
11	of the judge and the jury in West Virginia, is	11	chemical reactions, some material scientists type
12	that correct?	12	of protocols I did not use those.
13	A. Yes.	13	Q. Thank you.
14	Q. And if you turn with me to page 679.	14	Doctor, I want to hand you what we'll
15	A. Yes.	15	mark as Exhibit 8 to your deposition.
16	Q. Line 15.	16	DEFENSE EXHIBIT NO. 8: Document
17	A. Yes.	17	titled "TR-19/2007 Chemical Resistance
18	Q. You say or, I'm sorry:	18	of Thermoplastics Piping Materials"
19	"QUESTION: You've never analyzed the	19	from the Plastics-Pipe Institute, dated
20	extent that xylene can act as a solvent	20	September 2007.
21	on polypropylene, correct?	21	BY MR. HUTCHINSON:
22	"ANSWER: I did.	22	Q. This is a Chemical Resistance of
23	"QUESTION: You you	23	Thermoplastics Piping Materials document. Do you
24	"ANSWER: I did place new mesh in	24	see that?
	Page 239		Page 241
1		1	
1 2	xylene. It's been sitting for eight	1 2	A. Doesn't specifically say medical
	xylene. It's been sitting for eight months. The mesh didn't change.	1 2 3	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics
2	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh	2	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials.
2	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically?	2 3 4	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this
2 3 4	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh	2	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your
2 3 4 5	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically."	2 3 4 5	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir?
2 3 4 5 6	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct.	2 3 4 5 6	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing
2 3 4 5 6 7	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never	2 3 4 5 6 7	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them.
2 3 4 5 6 7 8	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on	2 3 4 5 6 7 8	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to
2 3 4 5 6 7 8	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir?	2 3 4 5 6 7 8	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them.
2 3 4 5 6 7 8 9	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on	2 3 4 5 6 7 8 9	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there
2 3 4 5 6 7 8 9 10	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical	2 3 4 5 6 7 8 9 10	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me?
2 3 4 5 6 7 8 9 10 11	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical	2 3 4 5 6 7 8 9 10 11	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second.
2 3 4 5 6 7 8 9 10 11 12 13	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can	2 3 4 5 6 7 8 9 10 11 12 13	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page.
2 3 4 5 6 7 8 9 10 11 12 13 14	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms.	2 3 4 5 6 7 8 9 10 11 12 13 14	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms. Chemical testing is a specific type of testing and	2 3 4 5 6 7 8 9 10 11 12 13 14	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second. Q. Oh, I'm sorry.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms. Chemical testing is a specific type of testing and it may or may not be specifically related to	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second. Q. Oh, I'm sorry. A. So which page number?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms. Chemical testing is a specific type of testing and it may or may not be specifically related to chemical changes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second. Q. Oh, I'm sorry. A. So which page number? Q. The last page, Doctor, of the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms. Chemical testing is a specific type of testing and it may or may not be specifically related to chemical changes. Q. Dr. Iakovlev	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second. Q. Oh, I'm sorry. A. So which page number? Q. The last page, Doctor, of the document that you have.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms. Chemical testing is a specific type of testing and it may or may not be specifically related to chemical changes. Q. Dr. Iakovlev MR. ANDERSON: No, no, hold on. He's	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second. Q. Oh, I'm sorry. A. So which page number? Q. The last page, Doctor, of the document that you have. A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms. Chemical testing is a specific type of testing and it may or may not be specifically related to chemical changes. Q. Dr. Iakovlev MR. ANDERSON: No, no, hold on. He's not	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second. Q. Oh, I'm sorry. A. So which page number? Q. The last page, Doctor, of the document that you have. A. Yes. Q. And at the top in the top left it
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms. Chemical testing is a specific type of testing and it may or may not be specifically related to chemical changes. Q. Dr. Iakovlev MR. ANDERSON: No, no, hold on. He's not MR. HUTCHINSON: Yeah, he is finished.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second. Q. Oh, I'm sorry. A. So which page number? Q. The last page, Doctor, of the document that you have. A. Yes. Q. And at the top in the top left it says "xylene", under chemical. Is that right?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	xylene. It's been sitting for eight months. The mesh didn't change. "QUESTION: Have you analyzed that mesh chemically? "ANSWER: No, not chemically." Correct? A. That's correct. Q. So let's be clear, you have never analyzed the chemical effect that xylene has on Prolene have you, sir? A. There is a big difference chemical effect versus chemical testing. Because chemical effect is changing of chemical structure it can manifest itself in different shapes and forms. Chemical testing is a specific type of testing and it may or may not be specifically related to chemical changes. Q. Dr. Iakovlev MR. ANDERSON: No, no, hold on. He's not MR. HUTCHINSON: Yeah, he is finished. MR. ANDERSON: No, his hands are in the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Doesn't specifically say medical devices Chemical Resistance of Thermoplastics Piping Materials. Q. And, Doctor, you've seen this document before haven't you? You cite it in your reports, your Wave 1 reports don't you, sir? A. I reviewed a number of testing tables and testing. Could be one of them. Q. Thank you. And, Doctor, let's go to the tables, the very last page. Are you there with me? A. No, just give me one second. Q. The last page. A. No, just give me one second. Q. Oh, I'm sorry. A. So which page number? Q. The last page, Doctor, of the document that you have. A. Yes. Q. And at the top in the top left it says "xylene", under chemical. Is that right? A. Yes.

61 (Pages 238 to 241)

	Page 242		Page 244
1	correct?	1	xylene in a document that you cite in some of your
2	A. Most likely, yes.	2	reports, it has the letter "N" by polypropylene,
3	Q. And under PP we have an "N", is that	3	correct? Can you answer that question, yes or no?
4	correct?	4	A. I have to read and what it says and
5	A. Yes.	5	what it means plastics and maximum operating
6	Q. And, Doctor, you know that "N"	6	temperature before I answer that question.
7	stands for plastic type is not resistant? You	7	Because the whole table is designed for maximum
8	know that, Doctor, don't you?	8	operating temperature.
9	A. It's used in different tables	9	Q. Doctor, my question is on the last
10	differently.	10	page of this document polypropylene has the letter
11	Q. Well, if you turn to page	11	"N" by it doesn't it, sir?
12	MR. ANDERSON: Hold on, let him finish.	12	A. So the whole table is subject to
13	THE DEPONENT: I would have to see	13	knowing what is maximum operating temperature. I
14	exactly what it means, what temperatures.	14	don't know what maximum operating temperature here
15	BY MR. HUTCHINSON:	15	is therefore that "N" applies to specific
16	Q. Doctor, let's look at page 7. My	16	condition of maximum operating temperature.
17	question is are you on page 7?	17	Q. Move to strike as nonresponsive.
18	A. Yes, I am on page 7. So I'm trying	18	Dr. Iakovlev, would you show the jury
19	to read what "N" means.	19	the chart on the last page? And hold on just a
20	Q. And "N" on page 7 means plastic type	20	minute, I'm going to ask the videographer to zoom
21	is not resistant, correct?	21	in on the word "PP" at the top and the letter "N"
22	A. Not resistant, swelling over 8	22	under the word "PP".
23	percent, weight loss over 5 percent and elongation	23	Now my question to you, Dr. Iakovlev, is
24	of break decreased by 50 percent.	24	does the word PP or polypropylene have the letter
	Page 243		Page 245
1	Q. And, Doctor, on that same page "PP"	1	"N" by it, yes or no.
2	means polypropylene, correct?	2	MR. ANDERSON: Keep your voice down,
3	A. That's correct.	3	counsel.
4	Q. And if we look on the very last	4	THE DEPONENT: So the whole table
5	page, polypropylene has an "N" by it doesn't it?	5	BY MR. HUTCHINSON:
6	A. Plastics at maximum operating	6	Q. Move to strike as nonresponsive. I
7	temperature.	7	•
	•		need a yes or no.
8	Q. No, sir, my question is show the	8	need a yes or no. MR. ANDERSON: He didn't even answer
8 9	Q. No, sir, my question is show the jury the last page.	8 9	•
	• • •	l .	MR. ANDERSON: He didn't even answer
9	jury the last page.	9	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the
9	jury the last page. A. Wait a second, I need to see all the	9 10	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to
9 10 11	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question.	9 10 11	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer?
9 10 11 12	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene	9 10 11 12	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON:
9 10 11 12 13	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir?	9 10 11 12 13	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the
9 10 11 12 13 14	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir? A. These tables are designed for	9 10 11 12 13 14	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the question yes or no, Dr. Iakovlev?
9 10 11 12 13 14 15	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir? A. These tables are designed for maximum	9 10 11 12 13 14 15	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the question yes or no, Dr. Iakovlev? A. I cannot answer you yes or no. I
9 10 11 12 13 14 15	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir? A. These tables are designed for maximum Q. Move to strike as nonresponsive.	9 10 11 12 13 14 15 16	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the question yes or no, Dr. Iakovlev? A. I cannot answer you yes or no. I can only answer you with full answer.
9 10 11 12 13 14 15 16	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir? A. These tables are designed for maximum Q. Move to strike as nonresponsive. Dr. Iakovlev, focus on my question.	9 10 11 12 13 14 15 16	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the question yes or no, Dr. Iakovlev? A. I cannot answer you yes or no. I can only answer you with full answer. Q. Dr. Iakovlev, PP has the letter "N"
9 10 11 12 13 14 15 16 17	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir? A. These tables are designed for maximum Q. Move to strike as nonresponsive. Dr. Iakovlev, focus on my question. MR. ANDERSON: Well, don't tell him what	9 10 11 12 13 14 15 16 17	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the question yes or no, Dr. Iakovlev? A. I cannot answer you yes or no. I can only answer you with full answer. Q. Dr. Iakovlev, PP has the letter "N" by it, yes or no?
9 10 11 12 13 14 15 16 17 18	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir? A. These tables are designed for maximum Q. Move to strike as nonresponsive. Dr. Iakovlev, focus on my question. MR. ANDERSON: Well, don't tell him what to do.	9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the question yes or no, Dr. Iakovlev? A. I cannot answer you yes or no. I can only answer you with full answer. Q. Dr. Iakovlev, PP has the letter "N" by it, yes or no? A. Yes.
9 10 11 12 13 14 15 16 17 18 19 20	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir? A. These tables are designed for maximum Q. Move to strike as nonresponsive. Dr. Iakovlev, focus on my question. MR. ANDERSON: Well, don't tell him what to do. THE DEPONENT: I cannot interpret the	9 10 11 12 13 14 15 16 17 18 19 20	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the question yes or no, Dr. Iakovlev? A. I cannot answer you yes or no. I can only answer you with full answer. Q. Dr. Iakovlev, PP has the letter "N" by it, yes or no? A. Yes. Q. And, Dr. Iakovlev, "N" stands for
9 10 11 12 13 14 15 16 17 18 19 20 21	jury the last page. A. Wait a second, I need to see all the data in the table before I answer this question. Q. Well, my question is polypropylene has the letter "N" by it doesn't it, sir? A. These tables are designed for maximum Q. Move to strike as nonresponsive. Dr. Iakovlev, focus on my question. MR. ANDERSON: Well, don't tell him what to do. THE DEPONENT: I cannot interpret the table unless I read everything which is in this	9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: He didn't even answer before you moved to strike as nonresponsive at the end of your own question. What do you want him to answer? BY MR. HUTCHINSON: Q. Yes or no? Can you answer the question yes or no, Dr. Iakovlev? A. I cannot answer you yes or no. I can only answer you with full answer. Q. Dr. Iakovlev, PP has the letter "N" by it, yes or no? A. Yes. Q. And, Dr. Iakovlev, "N" stands for plastic type is not resistant, is that correct?

62 (Pages 242 to 245)

	Page 246		Page 248
1	shows that xylene, the chemical that was used with	1	Q. Page 683, line 2. Are you there?
2	Ms. Ramirez's explanted mesh is not resistant to	2	MR. ANDERSON: Objection, inappropriate
3	xylene doesn't it, sir?	3	impeachment. It's the exact same question you
4	A. I do not know what maximum operating	4	gave and the exact same answer he gave.
5	temperature was used for this table, therefore we	5	BY MR. HUTCHINSON:
6	cannot compare two conditions which may be	6	Q. Dr. Iakovlev, are you there with me?
7	completely different. Something may be so hot	7	A. Yes, I am.
8	that it starts dissolving.	8	MR. FREESE: Same objection.
9	Q. You can't answer the question can	9	BY MR. HUTCHINSON:
10	you?	10	Q. "QUESTION: And toluene is does
11	A. I cannot answer because I don't have	11	Not behave well with polypropylene. Do
12	all information.	12	you know that?
13	MR. ANDERSON: Objection asked and	13	"ANSWER: I don't know. As I said, I
14	answered.	14	put one mesh in xylene and it stays
15	BY MR. HUTCHINSON:	15	intact for several months.
16	Q. And, Dr. Iakovlev, did you ever	16	"QUESTION: But you have not analyzed
17	study the effect that xylene had on Ms. Ramirez's	17	that chemically have you?
18	explanted mesh?	18	"ANSWER: No, I didn't."
19	A. Well, I saw the specimen which was	19	Did I read that correctly?
20	exposed to xylene. I did not see it dissolving.	20	MR. ANDERSON: Different question and
21	Polypropylene was still there, it did not	21	answer than counsel posed before. It's an
22	dissolve.	22	inappropriate way to impeach someone with their
23	Q. Dr. Iakovlev, the sample was also	23	testimony, reading different questions and
24	treated with permount wasn't it?	24	different answers. Go ahead.
	Page 247		Page 249
			rage 24)
1	A. Yes.	1	THE DEPONENT: There is toluene and then
1 2	A. Yes.Q. And permount has toluene in it	1 2	
			THE DEPONENT: There is toluene and then
2	Q. And permount has toluene in it	2	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking
2 3	Q. And permount has toluene in it doesn't it, sir?	2	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about.
2 3 4	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent.	2 3 4	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON:
2 3 4 5	Q. And permount has toluene in it doesn't it, sir?A. Yes, it's a similar solvent.Q. And you've never analyzed the	2 3 4 5	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir?
2 3 4 5 6	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have	2 3 4 5 6	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly.
2 3 4 5 6 7	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir?	2 3 4 5 6 7	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we
2 3 4 5 6 7 8	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures.	2 3 4 5 6 7 8	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they
2 3 4 5 6 7 8 9 10	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive.	2 3 4 5 6 7 8	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that
2 3 4 5 6 7 8 9 10 11	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the	2 3 4 5 6 7 8 9 10 11	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct?
2 3 4 5 6 7 8 9 10 11 12 13	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have	2 3 4 5 6 7 8 9 10 11 12	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes.
2 3 4 5 6 7 8 9 10 11	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope.	2 3 4 5 6 7 8 9 10 11	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you,
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope. Polypropylene is still there, it did not dissolve.	2 3 4 5 6 7 8 9 10 11 12 13 14	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right? A. Not for me for the hospital, for the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope. Polypropylene is still there, it did not dissolve. Q. Dr. Iakovlev, turn with me to page 683.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right? A. Not for me for the hospital, for the lab.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope. Polypropylene is still there, it did not dissolve. Q. Dr. Iakovlev, turn with me to page 683. A. Of?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right? A. Not for me for the hospital, for the lab. Q. And, Doctor, you can't tell us the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope. Polypropylene is still there, it did not dissolve. Q. Dr. Iakovlev, turn with me to page 683. A. Of? Q. Of your transcript for the Bellew	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right? A. Not for me for the hospital, for the lab. Q. And, Doctor, you can't tell us the names of any specific technicians who prepared
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope. Polypropylene is still there, it did not dissolve. Q. Dr. Iakovlev, turn with me to page 683. A. Of? Q. Of your transcript for the Bellew case. Again that's the same case where you	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right? A. Not for me for the hospital, for the lab. Q. And, Doctor, you can't tell us the names of any specific technicians who prepared those slides for Ms. Ramirez can you?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope. Polypropylene is still there, it did not dissolve. Q. Dr. Iakovlev, turn with me to page 683. A. Of? Q. Of your transcript for the Bellew case. Again that's the same case where you testified in front of the judge and jury in West	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right? A. Not for me for the hospital, for the lab. Q. And, Doctor, you can't tell us the names of any specific technicians who prepared those slides for Ms. Ramirez can you? MR. ANDERSON: Objection.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope. Polypropylene is still there, it did not dissolve. Q. Dr. Iakovlev, turn with me to page 683. A. Of? Q. Of your transcript for the Bellew case. Again that's the same case where you testified in front of the judge and jury in West Virginia, is that correct?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right? A. Not for me for the hospital, for the lab. Q. And, Doctor, you can't tell us the names of any specific technicians who prepared those slides for Ms. Ramirez can you? MR. ANDERSON: Objection. THE DEPONENT: Well, I mean, I know
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And permount has toluene in it doesn't it, sir? A. Yes, it's a similar solvent. Q. And you've never analyzed the chemical effect that toluene has on Prolene have you, sir? A. Well, you saw it in the pictures. The polypropylene was still there, it did not dissolve so that is my analysis. Q. Move to strike as nonresponsive. A. I answered you. I did study the slides in permount. These slides they still have permount and I showed it in microscope. Polypropylene is still there, it did not dissolve. Q. Dr. Iakovlev, turn with me to page 683. A. Of? Q. Of your transcript for the Bellew case. Again that's the same case where you testified in front of the judge and jury in West	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE DEPONENT: There is toluene and then xylene. I'm not sure exactly what we were talking about. BY MR. HUTCHINSON: Q. Did I read that correctly, sir? A. Oh, you read it correctly. Q. Thank you. And, Doctor, when we talk about these slides from Ms. Ramirez, they were prepared here in your lab, is that right? A. That's correct. Q. At St. Michael's in Canada, is that correct? A. Yes. Q. And by technicians who work for you, is that right? A. Not for me for the hospital, for the lab. Q. And, Doctor, you can't tell us the names of any specific technicians who prepared those slides for Ms. Ramirez can you? MR. ANDERSON: Objection.

63 (Pages 246 to 249)

	Page 250		Page 252
1	BY MR. HUTCHINSON:	1	THE DEPONENT: The only person who could
2	Q. Be you can't tell us the specific	2	was the pathologist. He did not examine
3	technicians who prepared the slides for	3	polypropylene for degradation.
4	Ms. Ramirez can you, sir?	4	BY MR. HUTCHINSON:
5	A. No, there were several.	5	Q. Thank you. And, Doctor, would you
6	Q. Doctor, if you will turn with me to	6	look at us, please?
7	the exhibit that was used with you this morning,	7	A. Yes.
8	Exhibit 7(C). And I'm going to ask the IT folks	8	Q. You can't tell the jury what
9	to put it up on to the screen please.	9	triggers the degradation process to occur can you?
10	A. So which?	10	Dr. Iakovley?
11	Q. Exhibit 7(C).	11	A. Give me one second. I'm thinking
12	A. I don't have the numbers so you have	12	how to answer.
13	to show it to me.	13	Q. I'm asking for a yes or no.
14	Q. Do you have that in front of you,	14	MR. ANDERSON: Hey, he's trying to
15	Doctor?	15	answer your question. Quit stop jumping in.
16		16	That's rude.
17	A. Yes, I'm just checking where	17	BY MR. HUTCHINSON:
18	Q. And, Dr. Iakovlev I believe you told	18	Q. I'll withdraw the question.
	us this morning that you use this photograph to	19	MR. ANDERSON: Alright.
19 20	illustrate some degradation, alleged degradation	20	BY MR. HUTCHINSON:
	of Ms. Ramirez's mesh, is that correct?	21	
21	A. That's correct.	22	Q. Dr. Iakovlev, yes or no, you can't
22	Q. And the pathologists at UT	l .	tell us what triggers the degradation process to
23	Southwestern, that's where Ms. Ramirez went isn't	23	occur can you?
24	it? Strike that.	24	A. It sounds like you're chasing me.
		l .	
	Page 251		Page 253
1	The pathologists where Ms. Ramirez went	1	Q. Move to strike as non-responsive.
2	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of	2	Q. Move to strike as non-responsive.A. So my answer will be that body
2	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they?	2	Q. Move to strike as non-responsive.A. So my answer will be that body reaction against polypropylene triggers
2 3 4	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for	2 3 4	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation.
2 3 4 5	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all.	2 3 4 5	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what
2 3 4 5 6	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in	2 3 4 5 6	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is
2 3 4 5 6 7	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh	2 3 4 5 6 7	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us?
2 3 4 5 6 7 8	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they?	2 3 4 5 6 7 8	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different
2 3 4 5 6 7 8 9	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who	2 3 4 5 6 7 8	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead.
2 3 4 5 6 7 8 9	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist.	2 3 4 5 6 7 8 9	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the
2 3 4 5 6 7 8 9 10	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same	2 3 4 5 6 7 8 9 10	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in
2 3 4 5 6 7 8 9 10 11	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final	2 3 4 5 6 7 8 9 10 11	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general
2 3 4 5 6 7 8 9 10 11 12 13	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct?	2 3 4 5 6 7 8 9 10 11 12 13	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction
2 3 4 5 6 7 8 9 10 11 12 13 14	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection.	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical
2 3 4 5 6 7 8 9 10 11 12 13 14	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who did not look for degradation either it's there or	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material scientists.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who did not look for degradation either it's there or not.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material scientists. BY MR. HUTCHINSON:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who did not look for degradation either it's there or not. BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material scientists. BY MR. HUTCHINSON: Q. And, Doctor, you can't tell us what
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who did not look for degradation either it's there or not. BY MR. HUTCHINSON: Q. And, Doctor, let's be clear, but we	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material scientists. BY MR. HUTCHINSON: Q. And, Doctor, you can't tell us what triggers the degradation process to occur can you?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who did not look for degradation either it's there or not. BY MR. HUTCHINSON: Q. And, Doctor, let's be clear, but we look at this exhibit that's shown the jury now,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material scientists. BY MR. HUTCHINSON: Q. And, Doctor, you can't tell us what triggers the degradation process to occur can you? Yes or no?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who did not look for degradation either it's there or not. BY MR. HUTCHINSON: Q. And, Doctor, let's be clear, but we look at this exhibit that's shown the jury now, not one of the doctors in Texas did this type of	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material scientists. BY MR. HUTCHINSON: Q. And, Doctor, you can't tell us what triggers the degradation process to occur can you? Yes or no? MR. ANDERSON: Wait, how many times are
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who did not look for degradation either it's there or not. BY MR. HUTCHINSON: Q. And, Doctor, let's be clear, but we look at this exhibit that's shown the jury now, not one of the doctors in Texas did this type of work did they?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material scientists. BY MR. HUTCHINSON: Q. And, Doctor, you can't tell us what triggers the degradation process to occur can you? Yes or no? MR. ANDERSON: Wait, how many times are you going to ask him the same question?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	The pathologists where Ms. Ramirez went to the hospital they didn't do these same type of tests that you did did they? A. No, they didn't examine for degradation at all. Q. In fact not one of the doctors in Texas who looked at Ms. Ramirez examined the mesh for degradation did they? A. Well, I mean the only person who could it was a pathologist. Q. And, Dr. Iakovlev, that's the same pathologist who found no degradation in his final pathology report, correct? MR. ANDERSON: Objection. THE DEPONENT: That's not correct. Who did not look for degradation either it's there or not. BY MR. HUTCHINSON: Q. And, Doctor, let's be clear, but we look at this exhibit that's shown the jury now, not one of the doctors in Texas did this type of	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Move to strike as non-responsive. A. So my answer will be that body reaction against polypropylene triggers degradation. Q. Doctor, you can tell us what triggers the degradation process to occur? Is that what you're telling us? MR. ANDERSON: Objection, different question. Go ahead. THE DEPONENT: I don't understand the question. What specific chemicals? What in general process triggers degradation? In general the process is triggered by the body reaction against polypropylene. Specific chemical reactions would be area of expertise of material scientists. BY MR. HUTCHINSON: Q. And, Doctor, you can't tell us what triggers the degradation process to occur can you? Yes or no? MR. ANDERSON: Wait, how many times are

64 (Pages 250 to 253)

	Page 254		Page 256
1	MR. ANDERSON: Yeah, you did. He said,	1	inappropriate method to try to impeach a witness
2	I don't understand the question. What specific	2	when they give you the exact same answer. Go
3	chemicals? In general the process is triggered by	3	ahead, Doctor.
4	the body body's reaction against polypropylene.	4	BY MR. HUTCHINSON:
5	Specific chemical reactions would be an area for	5	Q. Dr. Iakovlev
6	the material scientists. That is your answer.	6	A. Just give me a second. I need to
7	BY MR. HUTCHINSON:	7	read. You're chasing me again. Okay.
8	Q. Dr. Iakovlev, my question is asking	8	Q. Are you with me on page 310, line 3,
9	for a yes or no. You can't tell us what triggers	9	of your Serrano deposition?
10	the degradation process to occur. Yes or no?	10	A. That's correct.
11	MR. ANDERSON: Objection, asked and	11	Q. "QUESTION: What is the trigger for
12	answered. You can't make him say yes or no.	12	That degradation process?
13	THE DEPONENT: I cannot answer yes or no	13	"ANSWER: It's very complex. I don't
14	when the question is so broad. I have to specify	14	think it's been studied. I could not
15	at least to a degree.	15	tell you. I mean, the working now
16	BY MR. HUTCHINSON:	16	evidence is oxidated environment, but
17	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17	I'm not the expert in that specific
18	Q. Dr. Iakovlev, I want to hand you your testimony in the Serrano case versus American	18	biochemistry. I cannot testify to
19	•	19	that."
20	Medical Systems. Do you have that in front of	20	
21	you?	21	MR. ANDERSON: Exactly same. Objection.
	A. Yes, I do.	l .	BY MR. HUTCHINSON:
22	Q. And, Dr. Iakovlev, if you'll turn	22	Q. Did I read that correctly,
23	with me please to page 310.	23	Dr. Iakovlev?
24	A. So this is different manufacturer,	24	A. Yes, you did.
	Daga 2FF		
	Page 255		Page 257
1	this a different product.	1	Q. And, Doctor, you can't tell us the
1 2	this a different product. Q. Move to strike as nonresponsive.	2	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you?
	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to		Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate?
2	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310?	2 3 4	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you?
2	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014.	2 3 4 5	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead.
2 3 4	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive.	2 3 4 5 6	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of
2 3 4 5	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev	2 3 4 5	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular
2 3 4 5 6	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into	2 3 4 5 6	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we
2 3 4 5 6 7	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking	2 3 4 5 6 7	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question?
2 3 4 5 6 7 8	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions	2 3 4 5 6 7 8 9	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON:
2 3 4 5 6 7 8	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look.	2 3 4 5 6 7 8 9 10	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive?
2 3 4 5 6 7 8 9 10 11	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there.	2 3 4 5 6 7 8 9 10 11	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is
2 3 4 5 6 7 8 9 10 11 12 13	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer	2 3 4 5 6 7 8 9 10 11 12 13	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer.
2 3 4 5 6 7 8 9 10 11 12 13 14	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question?	2 3 4 5 6 7 8 9 10 11	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page
2 3 4 5 6 7 8 9 10 11 12 13	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number.	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer.
2 3 4 5 6 7 8 9 10 11 12 13 14	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number. BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page 311, line 4 of your pre-trial deposition. Are you there?
2 3 4 5 6 7 8 9 10 11 12 13 14 15	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number. BY MR. HUTCHINSON: Q. Page 310.	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page 311, line 4 of your pre-trial deposition. Are you there? A. Which one?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number. BY MR. HUTCHINSON: Q. Page 310. MR. ANDERSON: I guess he's not, huh?	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page 311, line 4 of your pre-trial deposition. Are you there? A. Which one? Q. Serrano, same case.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number. BY MR. HUTCHINSON: Q. Page 310. MR. ANDERSON: I guess he's not, huh? BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page 311, line 4 of your pre-trial deposition. Are you there? A. Which one?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number. BY MR. HUTCHINSON: Q. Page 310. MR. ANDERSON: I guess he's not, huh? BY MR. HUTCHINSON: Q. Page 310. Are you on page 310?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page 311, line 4 of your pre-trial deposition. Are you there? A. Which one? Q. Serrano, same case.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number. BY MR. HUTCHINSON: Q. Page 310. MR. ANDERSON: I guess he's not, huh? BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page 311, line 4 of your pre-trial deposition. Are you there? A. Which one? Q. Serrano, same case. A. But that's 2014, way before I did my
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number. BY MR. HUTCHINSON: Q. Page 310. MR. ANDERSON: I guess he's not, huh? BY MR. HUTCHINSON: Q. Page 310. Are you on page 310?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page 311, line 4 of your pre-trial deposition. Are you there? A. Which one? Q. Serrano, same case. A. But that's 2014, way before I did my degradation study.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	this a different product. Q. Move to strike as nonresponsive. My question was can you turn with us to page 310? A. And it's March 6, 2014. Q. Move to strike as nonresponsive. Dr. Iakovlev MR. ANDERSON: Hey, he's turning into the deposition to find the page that you're asking him to. Can you quit hammering him with questions while he can look. MR. HUTCHINSON: He's there. MR. ANDERSON: Yes or no, can you answer the question? THE DEPONENT: Which page number. BY MR. HUTCHINSON: Q. Page 310. MR. ANDERSON: I guess he's not, huh? BY MR. HUTCHINSON: Q. Page 310. Are you on page 310? Page 310, line 3. Are you there with me,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And, Doctor, you can't tell us the rate at which degradation occurs, can you? A. How would we measure rate? MR. ANDERSON: Object to form. Go ahead. THE DEPONENT: You mean thickening of the bark over period of time? Change of molecular weight or tensile I mean, exactly how do we measure the objective parameter for that question? BY MR. HUTCHINSON: Q. Move to strike as nonresponsive? A. But you ask a question which is impossible to answer. Q. Doctor, turn with me please to page 311, line 4 of your pre-trial deposition. Are you there? A. Which one? Q. Serrano, same case. A. But that's 2014, way before I did my degradation study. Q. Move to strike as nonresponsive.

65 (Pages 254 to 257)

Page 258 Page 260 1 A. Yes. 1 place in 2014. Since that time I conducted 2 2 Q. "QUESTION: So you can't tell me studies researching polypropylene degradation and 3 3 the rate by which or at which it I published peer-reviewed articles describing my 4 4 degrades? findings. And since then I acquired way more 5 5 "ANSWER: No." knowledge therefore we cannot compare what I know 6 6 Did I read that correctly, Dr. Iakovley? now and what I knew at that time. 7 7 A. "Which line? You didn't say the BY MR. HUTCHINSON: 8 8 Q. Move to strike as nonresponsive. line, at least I didn't hear it. 9 Q. Page 311, line 4 of your pre-trial 9 Dr. Iakovlev, you can't tell us how long 10 it would take for the mesh to completely degrade 10 deposition. Do you see that? 11 A. I do. 11 in the body can you, sir? 12 12 Q. "QUESTION: So you can't tell me A. I cannot. 13 the rate by which or at which it 13 Q. Thank you. Dr. Iakovlev, let's look 14 14 degrades? back at the photograph that's up there on the 15 15 "ANSWER: No." screen, and that's Exhibit 7(C). 16 Did I read that correctly, Dr. Iakovlev? 16 A. Yes. 17 17 A. Yes, you read it correctly. Q. And it's my understanding that you 18 18 believe stain is trapped in the little nano Q. Thank you. And, Doctor, you can't 19 19 cavities. Am I correct on that? tell the jury how long it would take the mesh to 20 20 completely degrade in the body can you? A. Yes. 21 A. Well now 2016, since that deposition 21 Q. And there are no nano cavities shown 22 22 I conducted several studies for degradation and in any of the photographs that you took, correct? 23 23 published literature. A. That's why they're nano because you 24 24 cannot see them. They are the nano scale size. Q. So my --Page 259 Page 261 1 MR. ANDERSON: Do not interrupt him. 1 That resolution is not enough. 2 MR. HUTCHINSON: Absolutely. Move to 2 Q. And you can take down that 3 strike as nonresponsive. I'm not asking him about 3 photograph. 4 4 the deposition any more. I have a different The only way you can see -- let me be 5 question and you know it, Rich. 5 clear. There are no nano cavities shown in the б 6 MR. FREESE: Counselor, he's going to photographs that you took for Jennifer Ramirez, 7 finish what he started and then you can move to 7 correct? 8 8 strike. Until then he's not going to answer any A. I just gave you an answer. They are 9 9 more questions until you let him finish. You nano. There's -- the resolution of these images 10 10 either withdraw or let him finish. It's you. of this study does not allow. The way we see it 11 MR. HUTCHINSON: My question --11 is because it stains. 12 MR. FREESE: No, no, you either withdraw 12 Q. And, Doctor, another way you can see 13 the question or you let him complete, those are 13 nano cavities is by doing transmission electron 14 your two choices. 14 microscopy, correct? 15 MR. HUTCHINSON: I'm not withdrawing the 15 A. I don't think you can go all the way 16 question. 16 to that resolution. It will definitely give you a 17 MR. FREESE: Well then he's going to 17 higher resolution but not all the way to those 18 answer it. 18 pores where the dye is trapped. 19 MR. HUTCHINSON: But he's talking about 19 Q. Dr. Iakovlev, if you'd turn with me 20 a deposition in 2016, a test in 2016. That's not 20 please to your deposition in the Ramirez case. 21 21 the question. Are you with me? 22 MR. FREESE: Vladimir, finish answering 22 A. Yes, I am. 23 23 Q. Page 79, line 23. Are you there the question. 24 THE DEPONENT: So that deposition took 24 with me?

66 (Pages 258 to 261)

1	Page 262		Page 264
1	A. Yes.	1	attached to they will not be washed by water.
2	Q. "QUESTION: And they are not any	2	Washing by water would be hydrostatic forces so
3	nano cavities depicted in any of the	3	not all of them will be washed off.
4	photographs that you've taken?	4	BY MR. HUTCHINSON:
5	"ANSWER: No. The only way I could see	5	Q. And, Doctor, hematoxylin it's a
6	them, these little cracks, very fine	6	soluble dye isn't it?
7	cracks, using transmission electron	7	A. Yes, it is.
8	microscopy."	8	Q. And eosin it's a soluble dye isn't
9	Did I read that correctly, sir?	9	it?
10	A. Yes, you did.	10	A. Yes, but not in water it's in
11	Q. And, Doctor, you have not done any	11	alcohol.
12	transmission electron microscopy in this case for	12	Q. And, Doctor, H&E you talked about
13	Jennifer Ramirez's have you?	13	this in your direct examination that stands for
14	A. I don't do it for any of the cases.	14	hematoxylin and eosin, is that correct?
15	Transmission electron microscopy was done for	15	A. That's correct.
16	research.	16	Q. And those are the chemicals that
17	Q. Doctor, when we look at Exhibit C?	17	were used in the staining process on the slides
18	A. Yes.	18	that you showed the jury, is that right?
19	Q. And let's bring it back up, Exhibit	19	A. That's correct.
20	7(C). Doctor, you'll agree that some proteins can	20	Q. And if you could pull up for us on
21	polarize light won't you, sir?	21	Exhibit 4(C), I'm sorry yeah, 4(C). Doctor, are
22	A. To a degree.	22	you there with me?
23	Q. Thank you. And, Doctor when we look	23	A. Which picture? Can you show it to
24	at the bark that's shown in Exhibit 7(C) you've	24	me?
	Page 263		Page 265
1		1	
1 2	never tried to isolate that bark for a chemical	1 2	Q. Yes, it's the third picture on
2	never tried to isolate that bark for a chemical analysis have you?	2	Q. Yes, it's the third picture on Exhibit 4. Right there.
	never tried to isolate that bark for a chemical analysis have you? A. No.	2	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay.
2 3 4	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an	2 3 4	Q. Yes, it's the third picture onExhibit 4. Right there.A. Okay.Q. I just want to make sure that you
2 3 4 5	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's	2 3 4 5	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we?
2 3 4	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir?	2 3 4	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes.
2 3 4 5 6 7	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own	2 3 4 5 6 7	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin
2 3 4 5 6	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing.	2 3 4 5 6	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes.
2 3 4 5 6 7 8	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about	2 3 4 5 6 7 8	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes.
2 3 4 5 6 7 8	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing.	2 3 4 5 6 7 8	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right?
2 3 4 5 6 7 8 9	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it?	2 3 4 5 6 7 8 9	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct.
2 3 4 5 6 7 8 9 10	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are.	2 3 4 5 6 7 8 9 10	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the
2 3 4 5 6 7 8 9 10 11	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means	2 3 4 5 6 7 8 9 10 11	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct.
2 3 4 5 6 7 8 9 10 11 12 13	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar	2 3 4 5 6 7 8 9 10 11 12	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic
2 3 4 5 6 7 8 9 10 11 12 13 14	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar dissolves in water, correct?	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic chemical reaction don't you, sir?
2 3 4 5 6 7 8 9 10 11 12 13 14	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar dissolves in water, correct? A. Not all of them are soluble in water	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic chemical reaction don't you, sir? A. No, not all stains and in some cases
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar dissolves in water, correct? A. Not all of them are soluble in water some of them need to be dissolved in alcohol. It	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic chemical reaction don't you, sir? A. No, not all stains and in some cases most of the dyes actually have very complex
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar dissolves in water, correct? A. Not all of them are soluble in water some of them need to be dissolved in alcohol. It depends on the dye. There are different dyes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic chemical reaction don't you, sir? A. No, not all stains and in some cases most of the dyes actually have very complex staining mechanisms. They require additional
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar dissolves in water, correct? A. Not all of them are soluble in water some of them need to be dissolved in alcohol. It depends on the dye. There are different dyes. Some dyes are just exacts from plants.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic chemical reaction don't you, sir? A. No, not all stains and in some cases most of the dyes actually have very complex staining mechanisms. They require additional molecules, mordants. It's not just ionic.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar dissolves in water, correct? A. Not all of them are soluble in water some of them need to be dissolved in alcohol. It depends on the dye. There are different dyes. Some dyes are just exacts from plants. Q. Doctor, soluble materials are washed	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic chemical reaction don't you, sir? A. No, not all stains and in some cases most of the dyes actually have very complex staining mechanisms. They require additional molecules, mordants. It's not just ionic. Q. Well, hematoxylin is a positively
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar dissolves in water, correct? A. Not all of them are soluble in water some of them need to be dissolved in alcohol. It depends on the dye. There are different dyes. Some dyes are just exacts from plants. Q. Doctor, soluble materials are washed away with water aren't they?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic chemical reaction don't you, sir? A. No, not all stains and in some cases most of the dyes actually have very complex staining mechanisms. They require additional molecules, mordants. It's not just ionic. Q. Well, hematoxylin is a positively charged ion isn't it?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	never tried to isolate that bark for a chemical analysis have you? A. No. Q. In fact you haven't had an analytical chemist confirm that Ms. Ramirez's Prolene in fact degraded have you, sir? A. I didn't need to. I do my own testing. Q. And, Doctor, when we talk about staining a stain is a soluble dye isn't it? A. Most of them are. Q. Thank you. And soluble means something that dissolves in water like sugar dissolves in water, correct? A. Not all of them are soluble in water some of them need to be dissolved in alcohol. It depends on the dye. There are different dyes. Some dyes are just exacts from plants. Q. Doctor, soluble materials are washed away with water aren't they? MR. ANDERSON: Objection, asked and	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Yes, it's the third picture on Exhibit 4. Right there. A. Okay. Q. I just want to make sure that you and I are looking at the same thing. Are we? A. Yes. Q. Doctor, the chemical hematoxylin stains blue or purple, right? A. Yes. Q. And eosin stains pink? A. That's correct. Q. And, Doctor, you understand that the staining process used by a pathologist is an ionic chemical reaction don't you, sir? A. No, not all stains and in some cases most of the dyes actually have very complex staining mechanisms. They require additional molecules, mordants. It's not just ionic. Q. Well, hematoxylin is a positively charged ion isn't it? A. Hematoxylin is being transformed

67 (Pages 262 to 265)

	Page 266		Page 268
1	staining, because there are different mordants	1	charged and binds with positively
2	like iron and alum mordant so the answer is quite	2	charged materials in the body, correct?
3	complex.	3	"ANSWER: As far as I remember that's
4	Q. Doctor, you understand that	4	the mechanism."
5	hematoxylin binds with negatively charged	5	Did I read that correctly, Dr. Iakovlev?
6	substances in the body don't you, sir?	6	A. Yes, you did.
7	A. I gave you an answer. Most of the	7	Q. That was a pretty simple answer that
8	dyes have very complex binding mechanisms. It's	8	you gave to that question, right?
9	not just electrostatic charge.	9	MR. FREESE: Objection to the form of
10	Q. And, Doctor, that's how hematoxylin	10	the question.
11	produces color isn't it?	11	MR. ANDERSON: Object to the form and
12	A. That's how all of the dyes produce	12	you didn't read the remaining part of it. And if
13	color, through very complex binding mechanisms	13	we were sitting in front of a judge he or she
14	which require not just dye but also other	14	would make you read the remaining part of it for
15	molecules, mostly metals.	15	completeness. And you didn't do that did you,
16	Q. Doctor, eosin, we've talked about	16	counsel?
17	hematoxylin but I want to talk about eosin, the	17	BY MR. HUTCHINSON:
18	other half, alright?	18	Q. Doctor, you can answer the question.
19	A. Okay.	19	That was a pretty simple answer that you gave to
20	Q. Eosin, it's a negatively charged ion	20	that question wasn't it?
21	isn't it?	21	MR. FREESE: Objection. Argumentative.
22	A. Possible.	22	Don't answer it.
23	Q. And eosin binds with charged	23	BY MR. HUTCHINSON:
24	substances, positively charged substances in the	24	Q. Are you refusing to answer that
21	· · · ·	21	Q. Are you refusing to answer that
	Dago 267		Dago 269
1	Page 267	1	Page 269
1	body, doesn't it?	1	question?
2	body, doesn't it? A. Again, the process is not as simple	2	question? MR. FREESE: I'm instructing him not to
2 3	body, doesn't it? A. Again, the process is not as simple as something positively charged with being	2	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him.
2 3 4	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is	2 3 4	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON:
2 3 4 5	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in	2 3 4 5	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687
2 3 4 5 6	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining.	2 3 4 5 6	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18.
2 3 4 5 6 7	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive.	2 3 4 5 6 7	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism?
2 3 4 5 6 7 8	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is	2 3 4 5 6 7 8	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism?" "ANSWER: I don't remember exactly what
2 3 4 5 6 7 8 9	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively	2 3 4 5 6 7 8	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism?" "ANSWER: I don't remember exactly what happens with eosin but I think you're
2 3 4 5 6 7 8 9	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct?	2 3 4 5 6 7 8 9	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right."
2 3 4 5 6 7 8 9 10	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times	2 3 4 5 6 7 8 9 10	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir?
2 3 4 5 6 7 8 9 10 11	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very	2 3 4 5 6 7 8 9 10 11	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly.
2 3 4 5 6 7 8 9 10 11 12 13	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not.	2 3 4 5 6 7 8 9 10 11 12	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about
2 3 4 5 6 7 8 9 10 11 12 13 14	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to	2 3 4 5 6 7 8 9 10 11 12 13 14	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or
2 3 4 5 6 7 8 9 10 11 12 13 14	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West	2 3 4 5 6 7 8 9 10 11 12 13 14	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West Virginia in front of the judge and jury? Do you	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or negative charge, all this means is that a material
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West Virginia in front of the judge and jury? Do you have that in front of you?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or negative charge, all this means is that a material will only stain if it chemically bonds with a
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West Virginia in front of the judge and jury? Do you have that in front of you? A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or negative charge, all this means is that a material will only stain if it chemically bonds with a material of an opposite bond, correct?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West Virginia in front of the judge and jury? Do you have that in front of you? A. Yes. Q. And turn with me to page 687. And	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or negative charge, all this means is that a material will only stain if it chemically bonds with a material of an opposite bond, correct? A. This is absolutely wrong because I
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West Virginia in front of the judge and jury? Do you have that in front of you? A. Yes. Q. And turn with me to page 687. And tell me when you're there, Dr. Iakovlev.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or negative charge, all this means is that a material will only stain if it chemically bonds with a material of an opposite bond, correct? A. This is absolutely wrong because I explain you several times, the staining mechanisms
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West Virginia in front of the judge and jury? Do you have that in front of you? A. Yes. Q. And turn with me to page 687. And tell me when you're there, Dr. Iakovlev. A. Yes, 687.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or negative charge, all this means is that a material will only stain if it chemically bonds with a material of an opposite bond, correct? A. This is absolutely wrong because I explain you several times, the staining mechanisms are very complex. You make it sound like plus,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West Virginia in front of the judge and jury? Do you have that in front of you? A. Yes. Q. And turn with me to page 687. And tell me when you're there, Dr. Iakovlev. A. Yes, 687. Q. And let's look at line 15.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or negative charge, all this means is that a material will only stain if it chemically bonds with a material of an opposite bond, correct? A. This is absolutely wrong because I explain you several times, the staining mechanisms are very complex. You make it sound like plus, minus, connect and nothing else. It does not work
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	body, doesn't it? A. Again, the process is not as simple as something positively charged with being attracted to negatively charged. The process is complex and there are other forces involved in staining. Q. Move to strike as nonresponsive. Doctor, my question is, eosin is negatively charged and binds with positively charged materials in the body, correct? A. I gave you an answer several times the same answer. You're trying to make it very simple but it's not. Q. Okay. Well, Doctor, let's turn to the Bellew transcript where you testified in West Virginia in front of the judge and jury? Do you have that in front of you? A. Yes. Q. And turn with me to page 687. And tell me when you're there, Dr. Iakovlev. A. Yes, 687.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	question? MR. FREESE: I'm instructing him not to answer it. You're just arguing with him. BY MR. HUTCHINSON: Q. And, Doctor, let's look at page 687 line 18. "QUESTION: Do you know the mechanism? "ANSWER: I don't remember exactly what happens with eosin but I think you're right." Did I read that correctly, sir? A. You read it correctly. Q. And, Doctor, when we talk about whether or not hematoxylin has a positive or negative charge, or eosin has a positive or negative charge, all this means is that a material will only stain if it chemically bonds with a material of an opposite bond, correct? A. This is absolutely wrong because I explain you several times, the staining mechanisms are very complex. You make it sound like plus,

68 (Pages 266 to 269)

	Page 270		Page 272
1	blue, pink, green, purple and electrostatic charge	1	Q. Move to strike as nonresponsive.
	has nothing to do in the staining of polypropylene	2	My question, Doctor, is you don't know
	bark.	3	the positive or negative components of oxidized
4	Q. Move to strike as nonresponsive.	4	Prolene do you, sir?
5	MR. ANDERSON: Just because you don't	5	A. Because it doesn't matter.
6	like the answer	6	Q. Move to strike as nonresponsive.
7	BY MR. HUTCHINSON:	7	I need a yes or no, Doctor. You don't
8	Q. I'm asking for a yes or no.	8	know the positive or negative components of
9	MR. ANDERSON: And he gave his answer.	9	oxidized Prolene do you, sir?
10	BY MR. HUTCHINSON:	10	MR. ANDERSON: Asked and answered. Go
11	Q. Am I right or wrong, Doctor?	11	ahead.
12	MR. ANDERSON: Asked and answered.	12	THE DEPONENT: As I said, it doesn't
13	THE DEPONENT: You were wrong in your	13	matter that's why I don't know.
14	question and your statement.	14	BY MR. HUTCHINSON:
15	BY MR. HUTCHINSON:	15	Q. Move to strike everything before "I
16	Q. Doctor, let's talk about Prolene.	16	don't know".
17	Prolene is hydrophobic isn't it?	17	MR. ANDERSON: Well, I object to your
18	A. That's correct.	18	attempt to carve out what you like of his answer
19	Q. And that means it's not soluble in	19	and what you don't.
20	water, correct?	20	BY MR. HUTCHINSON:
21	A. That's correct.	21	Q. Doctor, let's talk about whether or
22	Q. And Prolene does not dissolve in	22	not degraded Prolene stains okay?
23	water. We can agree on that can't we?	23	A. I thought we were talking about it
24	A. Yes.	24	for the last 15 minutes or so.
	Page 271		Page 273
1	Q. And Prolene is nonionic isn't it,	1	Q. Well, we're going to talk about it a
	sir?	2	little more specifically as far as the tests
3	A. In any state? Degraded? I'm asking	3	you've done. Do you understand that?
	you.	4	A. I thought we were talking about
5	Q. Fair enough. Doctor, Prolene before	5	that. Okay.
6	it's put in the body is nonionic isn't it, sir?	6	·
7	A. In that state, yes, it is not.		Q. Alid, Doctor, you know what a control
8		7	Q. And, Doctor, you know what a control for an experiment is don't you?
			for an experiment is don't you?
	Q. And nonionic means it does not have	7 8 9	for an experiment is don't you? A. Yes.
9	Q. And nonionic means it does not have a charge, correct?	8	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors
9 10	Q. And nonionic means it does not have a charge, correct? A. That's correct.	8 9	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do
9 10 11	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know	8 9 10	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors
9 10 11 12	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized	8 9 10 11	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir?
9 10 11 12	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir?	8 9 10 11 12	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do
9 10 11 12 13 14	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it	8 9 10 11 12 13	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you
9 10 11 12 13 14 15	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it stains with multiple dyes. It's clear, it's one	8 9 10 11 12 13 14	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do MR. ANDERSON: Object to the form. Go
9 10 11 12 13 14 15	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it stains with multiple dyes. It's clear, it's one hundred percent clear that electrostatic charge	8 9 10 11 12 13 14 15	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do MR. ANDERSON: Object to the form. Go ahead.
9 10 11 12 13 14 15 16	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it stains with multiple dyes. It's clear, it's one hundred percent clear that electrostatic charge has nothing to do with the staining mechanism	8 9 10 11 12 13 14 15	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do MR. ANDERSON: Object to the form. Go ahead. THE DEPONENT: When you do experiments
9 10 11 12 13 14 15 16 17	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it stains with multiple dyes. It's clear, it's one hundred percent clear that electrostatic charge has nothing to do with the staining mechanism because it stains with multiple different dyes.	8 9 10 11 12 13 14 15 16 17	A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do MR. ANDERSON: Object to the form. Go ahead. THE DEPONENT: When you do experiments in research, yes, you need a control. When you do
9 10 11 12 13 14 15 16 17 18	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it stains with multiple dyes. It's clear, it's one hundred percent clear that electrostatic charge has nothing to do with the staining mechanism because it stains with multiple different dyes. Any dye you apply to histological tissue will	8 9 10 11 12 13 14 15 16 17	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do MR. ANDERSON: Object to the form. Go ahead. THE DEPONENT: When you do experiments in research, yes, you need a control. When you do diagnostic work you don't need a control. You
9 10 11 12 13 14 15 16 17 18 19 20	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it stains with multiple dyes. It's clear, it's one hundred percent clear that electrostatic charge has nothing to do with the staining mechanism because it stains with multiple different dyes. Any dye you apply to histological tissue will stain the bark. I've stained it with different	8 9 10 11 12 13 14 15 16 17 18	A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do MR. ANDERSON: Object to the form. Go ahead. THE DEPONENT: When you do experiments in research, yes, you need a control. When you do diagnostic work you don't need a control. You don't have a control for each specimen you examine
9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it stains with multiple dyes. It's clear, it's one hundred percent clear that electrostatic charge has nothing to do with the staining mechanism because it stains with multiple different dyes. Any dye you apply to histological tissue will stain the bark. I've stained it with different Ethicon scientists used phloxine, I used	8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do MR. ANDERSON: Object to the form. Go ahead. THE DEPONENT: When you do experiments in research, yes, you need a control. When you do diagnostic work you don't need a control. You don't have a control for each specimen you examine and make a diagnosis.
9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. And nonionic means it does not have a charge, correct? A. That's correct. Q. Okay. And, Doctor, you don't know the positive or negative components of oxidized Prolene do you, sir? A. But it doesn't matter because it stains with multiple dyes. It's clear, it's one hundred percent clear that electrostatic charge has nothing to do with the staining mechanism because it stains with multiple different dyes. Any dye you apply to histological tissue will stain the bark. I've stained it with different	8 9 10 11 12 13 14 15 16 17 18 19 20 21	for an experiment is don't you? A. Yes. Q. And just so I'm clear, but doctors and scientists in Canada use controls when they do experiments. Is that right, sir? A. When you do experiment yes, when you do MR. ANDERSON: Object to the form. Go ahead. THE DEPONENT: When you do experiments in research, yes, you need a control. When you do diagnostic work you don't need a control. You don't have a control for each specimen you examine and make a diagnosis. BY MR. HUTCHINSON:

69 (Pages 270 to 273)

Page 274 Page 276 1 Q. Okay. 1 sir? 2 2 A. Diagnostic, no. There is no such a A. Yes, I did. I see it every time, 3 thing as control for each specimen. It depends on 3 every time I examine mesh specimen oxidized 4 what you do. 4 Prolene is staining. I see it as oxidized. 5 Q. Doctor, you'll agree that using a 5 Q. And, Doctor, you would need to 6 control is the hallmark of good science wouldn't 6 intentionally stain that Prolene when you're doing 7 7 this control wouldn't you, sir? you? 8 MR. ANDERSON: Objection. Go ahead. 8 A. Can you repeat? 9 THE DEPONENT: I think we're talking 9 MR. ANDERSON: Objection to the form. 10 BY MR. HUTCHINSON: about different things. 10 11 BY MR. HUTCHINSON: 11 Q. You would need to intentionally 12 12 Q. Okay. stain the Prolene -- or I'm sorry. You would need A. Science and research is one part, 13 13 to intentionally oxidize the Prolene, correct? one process, diagnostic work, examination of 14 MR. ANDERSON: Objection to form, and 14 15 15 routine, every-day specimens is completely objection as unintelligible. 16 different process. One part needs controls, the 16 THE DEPONENT: I don't exactly 17 17 understand. For what? What purpose exactly? other part for the most part does not. It depends 18 on what you do. 18 BY MR. HUTCHINSON: 19 Q. Dr. Iakovlev, a control increases 19 Q. Doctor, the only way to prove that 20 20 the reliability of the results, correct? oxidized Prolene stains is by purposefully 21 MR. ANDERSON: Objection to form. 21 oxidizing Prolene and seeing how it reacts to H&E 22 22 THE DEPONENT: In what process? In the stain, right? 23 research or diagnostic work? 23 A. No, this is wrong. This is not 24 24 correct. Page 275 Page 277 1 1 BY MR. HUTCHINSON: Q. And, Doctor, you were doing an 2 Q. In any scientific method, correct, 2 experiment to determine if oxidized Prolene stains 3 3 sir? 4 4 A. But we don't use controls in A. No. I was doing an experiment 5 5 testing if there can be a model which can model diagnostic work. 6 Q. And, Doctor, in this case a control 6 oxidation in vivo. 7 would have been oxidized Prolene that stains 7 Q. And, Doctor, you haven't finished 8 8 wouldn't it? those tests have you? 9 9 A. But this case was diagnostic work A. Yes, but we are talk about something 10 10 where we don't have controls. We rely on our completely different for a different purpose. 11 knowledge and experience what is normal what is 11 Q. Well, Doctor, my question is do you 12 not. Where have you seen a pathologist, even in 12 have a control for Ms. Ramirez's case that shows 13 their pathology reports, where it says the control 13 oxidized Prolene stains, yes or no? 14 was such-and-such tissue from a different patient? 14 A. But we are talking about this for 15 15 15 It's not there. We don't function like this. minutes. We do not have controls for each 16 16 Q. Doctor, you haven't conducted a diagnostic specimen. It's not how the diagnostic 17 controlled experiment to determine whether or not 17 work is done. I mean you're asking for something 18 oxidized Prolene stains have you, sir? 18 which is never done. 19 19 A. For Ms. Ramirez? For all other Q. And I'm just asking is the answer 20 20 diagnostic specimens? Or for research? no? 21 21 Q. Doctor, my question is as broad as A. You're asking about something which is never done. There are no controls for 22 it gets. I'm asking for a yes or no. You haven't 22 23 conducted a control experiment to determine 23 diagnostic specimens. whether or not oxidized Prolene stains have you, 24 24 Q. And you were doing a diagnostic

70 (Pages 274 to 277)

	Page 278		Page 280
1	specimen for Ms. Ramirez, correct?	1	A. One ways.
2	A. That's correct.	2	Q. And, Doctor, you've never done an
3	MR. FREESE: When you get to a good spot	3	FTIR or any other type of forensic spectroscopy on
4	let's take a break.	4	Ms. Ramirez's mesh have you?
5	MR. HUTCHINSON: Rich, probably five	5	A. No.
6	minutes or do you need earlier?	6	
7	MR. FREESE: Five minutes is fine. I'm	7	Q. And you've never done any molecular
			weight testing on Ms. Ramirez's mesh have you?
8	actually worried about our court reporter than	8	A. No.
9	anyone else.	9	Q. You didn't measure the tensile
10	MR. HUTCHINSON: Then let's take a	10	strength?
11	break.	11	A. No.
12	THE VIDEOGRAPHER: Going off the record	12	Q. You didn't measure the elongation?
13	at 3:26 p.m.	13	A. No.
14	Break taken.	14	Q. You didn't measure the toughness?
15	THE VIDEOGRAPHER: We're back on the	15	A. No.
16	record at 3:43 p.m.	16	Q. In fact you didn't do any type of
17	BY MR. HUTCHINSON:	17	bench-top testing to determine whether or not the
18	Q. Dr. Iakovlev, I believe it's your	18	physical properties decreased did you, sir?
19	testimony that degradation caused Prolene to	19	A. What do you mean "bench top"? You
20	become brittle, is that right?	20	mean like wet lab experimental testing? I have
21	A. That's correct.	21	not.
22	Q. And you're not a material scientist?	22	Q. And, Doctor, in fact you haven't
23	A. I'm not.	23	done any type of analytical chemistry testing on
24	Q. You're not a polymer scientist?	24	Ms. Ramirez's explant, have you?
	Page 279		Page 281
1	A I'm not	1	
1	A. I'm not.	1	A. No.
2	Q. You're not an analytical chemist?	2	A. No.Q. Doctor, I assume that your opinion
2	Q. You're not an analytical chemist?A. I'm not.	2	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the
2 3 4	Q. You're not an analytical chemist?A. I'm not.Q. You haven't consulted with anyone in	2 3 4	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is
2 3 4 5	Q. You're not an analytical chemist?A. I'm not.Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you,	2 3 4 5	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct?
2 3 4 5 6	Q. You're not an analytical chemist?A. I'm not.Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir?	2 3 4 5 6	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge
2 3 4 5 6 7	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not.	2 3 4 5 6 7	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers
2 3 4 5 6 7 8	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the	2 3 4 5 6 7 8	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation.
2 3 4 5 6 7 8	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the	2 3 4 5 6 7 8	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding?
2 3 4 5 6 7 8 9	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh?	2 3 4 5 6 7 8 9	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding.
2 3 4 5 6 7 8 9 10	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct.	2 3 4 5 6 7 8 9 10	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't
2 3 4 5 6 7 8 9 10 11	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists	2 3 4 5 6 7 8 9 10 11	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific
2 3 4 5 6 7 8 9 10 11 12 13	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't	2 3 4 5 6 7 8 9 10 11 12	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the
2 3 4 5 6 7 8 9 10 11 12 13	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they?	2 3 4 5 6 7 8 9 10 11	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you?
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form.
2 3 4 5 6 7 8 9 10 11 12 13	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they?	2 3 4 5 6 7 8 9 10 11 12 13 14	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you?
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do. Q. Like FTIR, is that right?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form. THE DEPONENT: Well, I can testify that
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do. Q. Like FTIR, is that right? A. That's correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form. THE DEPONENT: Well, I can testify that the body of the literature indicates that
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do. Q. Like FTIR, is that right? A. That's correct. Q. And FTIR is just a way to determine	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form. THE DEPONENT: Well, I can testify that the body of the literature indicates that oxidation is the most probable mechanism of
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do. Q. Like FTIR, is that right? A. That's correct. Q. And FTIR is just a way to determine the fingerprint of a chemical. Is that fair to	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form. THE DEPONENT: Well, I can testify that the body of the literature indicates that oxidation is the most probable mechanism of degradation.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do. Q. Like FTIR, is that right? A. That's correct. Q. And FTIR is just a way to determine the fingerprint of a chemical. Is that fair to say?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form. THE DEPONENT: Well, I can testify that the body of the literature indicates that oxidation is the most probable mechanism of degradation. BY MR. HUTCHINSON:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do. Q. Like FTIR, is that right? A. That's correct. Q. And FTIR is just a way to determine the fingerprint of a chemical. Is that fair to say? A. It can be used as an analogy. Q. And gel permeation chromatography,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form. THE DEPONENT: Well, I can testify that the body of the literature indicates that oxidation is the most probable mechanism of degradation. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive. My question, Doctor, is whether or not
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. You're not an analytical chemist? A. I'm not. Q. You haven't consulted with anyone in those fields about Ms. Ramirez's explant have you, sir? A. I have not. Q. And you would agree that if the Prolene was brittle then that would affect the physical properties of the mesh? A. That's correct. Q. And, Doctor, analytical chemists they have equipment to analyze materials, don't they? A. Yes, they do. That's what they do. Q. Like FTIR, is that right? A. That's correct. Q. And FTIR is just a way to determine the fingerprint of a chemical. Is that fair to say? A. It can be used as an analogy.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. No. Q. Doctor, I assume that your opinion is that oxidation is what is causing the degradation that you spoke about this morning, is that correct? A. Well, that's the current knowledge and current understanding that oxidation triggers degradation. Q. And is that your understanding? A. That's my understanding. Q. Okay. But now doctor, you can't testify to a reasonable degree of scientific certainty that oxidation is what's causing the degradation, can you? MR. ANDERSON: Objection to form. THE DEPONENT: Well, I can testify that the body of the literature indicates that oxidation is the most probable mechanism of degradation. BY MR. HUTCHINSON: Q. Move to strike as nonresponsive.

71 (Pages 278 to 281)

	Page 282		Page 284
1	causing degradation?	1	practice of pathology."
2	A. Yes, that's what I said, to	2	Q. Thank you. And, Doctor, you're not
3	reasonable degree of scientific certainty. All	3	an expert in chemistry as it relates to oxidation
4	body of literature indicates that this is most	4	are you? Dr. Iakovlev?
5	probable mechanism of degradation.	5	A. Well, you ask a very broad question
6	Q. Doctor, when we talk about oxidation	6	and
7	that's the addition of an oxygen atom through the	7	Q. My question is simple. You're not
8	chemical structure, isn't it?	8	on expert in chemistry as it relates to oxidation
9	A. Yes, in part. It may not stay there	9	are you, sir?
10	forever but it involves oxygen.	10	A. Oxidation happens all the time.
11	Q. And you understand that if oxidation	11	Burning a fire is oxidation. I mean, you ask a
12	occurs you must have a loss of molecular weight?	12	question so broad. Yes, I am an expert in some
13	MR. ANDERSON: Objection.	13	parts of oxidation. I mean, if you ask me what
14	THE DEPONENT: I think now we're going	14	happens when something burns, oxidizes fast I can
15	into an area that is beyond my expertise, into	15	tell you. In terms of polymer science, how this
16	chemical analysis.	16	happens I'm not an expert in that field.
17	BY MR. HUTCHINSON:	17	Q. Doctor, you'll agree that if
18	Q. You can't answer that question, is	18	oxidation occurs strong carbonyls strike that.
19	that correct?	19	If oxidation occurs FTIR must show
20	A. No, it's not my area of expertise.	20	strong carbonyl bands, you'll agree with that
21	Q. And just so I'm clear, from a	21	wouldn't you?
22	chemistry standpoint you cannot answer that	22	A. I have no opinion regarding that
23	question, is that right?	23	because as I told you I'm not a chemical
24	MR. ANDERSON: Objection, asked and	24	scientist.
	Page 283		Page 285
1	answer. He just said he can't do, it's outside of	1	Q. And, Doctor, if oxidation occurs
2	his field and we're not offering him for chemical	2	there will be a loss of toughness and tensile
3	analysis, or any of those other issues that you're	3	strength and elongation, correct?
4	going through. You know that's for polymer	4	MR. ANDERSON: Objection. He just said
5	scientists. So he gave you the answer. It's the	l .	
6	Scientists. So he gave you the answer. It's the	5	3
	_ · · · · · · · · · · · · · · · · · · ·	5 6	that this is outside of his area of specialty.
	same answer again. We're not offering him for	6	that this is outside of his area of specialty. Are you just going to keep asking him questions
7	same answer again. We're not offering him for that.	6 7	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time?
	same answer again. We're not offering him for that. BY MR. HUTCHINSON:	6	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON:
7 8	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor.	6 7 8	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of
7 8 9 10	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a	6 7 8 9	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON:
7 8 9	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical	6 7 8 9	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct.
7 8 9 10 11	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing.	6 7 8 9 10 11	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor?
7 8 9 10 11 12	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical	6 7 8 9 10 11 12	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any
7 8 9 10 11 12	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your	6 7 8 9 10 11 12 13	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has
7 8 9 10 11 12 13	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your expert report on page 1 for Mr. Ramirez. You're	6 7 8 9 10 11 12 13 14	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has loss molecular weight in body, correct?
7 8 9 10 11 12 13 14 15	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your expert report on page 1 for Mr. Ramirez. You're there, yes, sir?	6 7 8 9 10 11 12 13 14	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has loss molecular weight in body, correct? A. The same answer. I'm not a chemical
7 8 9 10 11 12 13 14 15	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your expert report on page 1 for Mr. Ramirez. You're there, yes, sir? A. Yes.	6 7 8 9 10 11 12 13 14 15	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has loss molecular weight in body, correct? A. The same answer. I'm not a chemical scientist. I do not focus on that aspect. There
7 8 9 10 11 12 13 14 15 16	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your expert report on page 1 for Mr. Ramirez. You're there, yes, sir? A. Yes. Q. The last line, "I am knowledgeable	6 7 8 9 10 11 12 13 14 15 16	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has loss molecular weight in body, correct? A. The same answer. I'm not a chemical scientist. I do not focus on that aspect. There might be some literature, because it's outside of
7 8 9 10 11 12 13 14 15 16 17	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your expert report on page 1 for Mr. Ramirez. You're there, yes, sir? A. Yes. Q. The last line, "I am knowledgeable in the areas of chemistry." Did I read that	6 7 8 9 10 11 12 13 14 15 16 17	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has loss molecular weight in body, correct? A. The same answer. I'm not a chemical scientist. I do not focus on that aspect. There might be some literature, because it's outside of my area of expertise I am not focus on this
7 8 9 10 11 12 13 14 15 16 17 18	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your expert report on page 1 for Mr. Ramirez. You're there, yes, sir? A. Yes. Q. The last line, "I am knowledgeable in the areas of chemistry." Did I read that correctly, sir?	6 7 8 9 10 11 12 13 14 15 16 17 18	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has loss molecular weight in body, correct? A. The same answer. I'm not a chemical scientist. I do not focus on that aspect. There might be some literature, because it's outside of my area of expertise I am not focus on this question when I review articles.
7 8 9 10 11 12 13 14 15 16 17 18 19 20	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your expert report on page 1 for Mr. Ramirez. You're there, yes, sir? A. Yes. Q. The last line, "I am knowledgeable in the areas of chemistry." Did I read that correctly, sir? A. Well let's read the full sentence.	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has loss molecular weight in body, correct? A. The same answer. I'm not a chemical scientist. I do not focus on that aspect. There might be some literature, because it's outside of my area of expertise I am not focus on this question when I review articles. Q. And, Doctor, you're unaware of any
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	same answer again. We're not offering him for that. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. My answer is that I am not a chemical scientist. I did not do chemical testing. Q. Well, Doctor, let's look at your expert report on page 1 for Mr. Ramirez. You're there, yes, sir? A. Yes. Q. The last line, "I am knowledgeable in the areas of chemistry." Did I read that correctly, sir? A. Well let's read the full sentence. "I am knowledgeable in the areas of	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	that this is outside of his area of specialty. Are you just going to keep asking him questions and he can just say it every time? BY MR. HUTCHINSON: Q. Is that outside of your area of expertise, Doctor? A. That's correct. Q. And, Doctor, you're unaware of any peer-reviewed literature that shows Prolene has loss molecular weight in body, correct? A. The same answer. I'm not a chemical scientist. I do not focus on that aspect. There might be some literature, because it's outside of my area of expertise I am not focus on this question when I review articles. Q. And, Doctor, you're unaware of any studies that show Prolene has lost molecular

72 (Pages 282 to 285)

	Page 286		Page 288
1	THE DEPONENT: I just answered the	1	"ANSWER: That's correct."
2	question. Since I am not a chemical scientists	2	Did I read that correctly?
3	when I review this literature I am not focusing on	3	A. You have to give me a second to see
4	that specific topic. There may or may not be	4	exactly what questions are asked.
5		5	* *
6	literature out there answering your question. BY MR. HUTCHINSON:	6	MR. ANDERSON: And, again, improper use of impeachment. He said in his answer, "I am not
1		7	
7	Q. Dr. Iakovlev, you can't tell the		an expert in chemical reactions behind
8	jury the chemical structure of oxidized Prolene	8	degradation." I don't know what you're trying to
9	can you?	9	get at, counsel.
10	A. The same answer. Do you want me to	10	MS. VERBEEK: Can we agree on the
11	repeat?	11	record, because I'm cutting in and out, that one
12	MR. ANDERSON: He said same answer.	12	objection is good for all?
13	It's outside of his expertise.	13	MR. HUTCHINSON: Sure. Absolutely.
14	BY MR. HUTCHINSON:	14	MS. VERBEEK: Thank you.
15	Q. Is that outside of your area of	15	MR. HUTCHINSON: You're
16	expertise?	16	BY MR. HUTCHINSON:
17	A. Yes, that's correct.	17	Q. Dr. Iakovlev, did I read that
18	Q. And, Doctor, you're not an expert in	18	correctly?
19	the direct oxidation of polypropylene are you?	19	A. Okay. Let's go back to the same
20	A. No. Well, I can show what happens	20	which page and which line did you read?
21	in the histological sections with degraded	21	Q. Doctor, page 689, line 6.
22	polypropylene, but what happens in terms of	22	"It's fair to say, isn't it, Doctor,
23	chemical reactions would be area of expertise for	23	that you're not an expert in the direct
24	material scientists.	24	oxidation of polypropylene?
	Page 287		Page 289
1		1	Page 289 "Answer: That's correct."
1 2	Q. So my question is you're not an	1 2	"Answer: That's correct."
			"Answer: That's correct." Did I read that correctly, Dr. Iakovlev?
2	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no?	2	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly.
2	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He	2	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked
2 3 4	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no?	2 3 4	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is
2 3 4 5	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he	2 3 4 5	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked
2 3 4 5 6	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if	2 3 4 5 6	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes.
2 3 4 5 6 7	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert.	2 3 4 5 6 7	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made
2 3 4 5 6 7 8	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if	2 3 4 5 6 7 8	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes.
2 3 4 5 6 7 8 9	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer.	2 3 4 5 6 7 8	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is
2 3 4 5 6 7 8 9	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the	2 3 4 5 6 7 8 9	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct.
2 3 4 5 6 7 8 9 10	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor.	2 3 4 5 6 7 8 9 10	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct?
2 3 4 5 6 7 8 9 10 11	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the	2 3 4 5 6 7 8 9 10 11	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes
2 3 4 5 6 7 8 9 10 11 12 13	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of	2 3 4 5 6 7 8 9 10 11 12 13	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir?
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not	2 3 4 5 6 7 8 9 10 11 12 13 14	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not an expert in chemical reactions behind.	2 3 4 5 6 7 8 9 10 11 12 13 14	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir? MR. FREESE: Object to the form and the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not an expert in chemical reactions behind. Q. Doctor, let's look at what you told	2 3 4 5 6 7 8 9 10 11 12 13 14 15	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir? MR. FREESE: Object to the form and the question. THE DEPONENT: I don't think I can
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not an expert in chemical reactions behind. Q. Doctor, let's look at what you told the jury in Bellew on page 689. Page 689, line 6.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir? MR. FREESE: Object to the form and the question. THE DEPONENT: I don't think I can answer that question. I don't know if it is
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not an expert in chemical reactions behind. Q. Doctor, let's look at what you told	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir? MR. FREESE: Object to the form and the question. THE DEPONENT: I don't think I can
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not an expert in chemical reactions behind. Q. Doctor, let's look at what you told the jury in Bellew on page 689. Page 689, line 6. Tell me when you're there. A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir? MR. FREESE: Object to the form and the question. THE DEPONENT: I don't think I can answer that question. I don't know if it is different and if that's the only thing which makes
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not an expert in chemical reactions behind. Q. Doctor, let's look at what you told the jury in Bellew on page 689. Page 689, line 6. Tell me when you're there. A. Yes. Q. Question, it's the same question I	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir? MR. FREESE: Object to the form and the question. THE DEPONENT: I don't think I can answer that question. I don't know if it is different and if that's the only thing which makes it different. BY MR. HUTCHINSON:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not an expert in chemical reactions behind. Q. Doctor, let's look at what you told the jury in Bellew on page 689. Page 689, line 6. Tell me when you're there. A. Yes. Q. Question, it's the same question I just asked you.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir? MR. FREESE: Object to the form and the question. THE DEPONENT: I don't think I can answer that question. I don't know if it is different and if that's the only thing which makes it different. BY MR. HUTCHINSON: Q. That's outside of your area of
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. So my question is you're not an expert in the direct oxidation of polypropylene. Yes or no? MR. ANDERSON: He just answered it. He doesn't have to give you a yes or no. And in fact he MR. HUTCHINSON: I just want to know if he's an expert. MR. ANDERSON: Well, he gave you the answer. BY MR. HUTCHINSON: Q. You can answer, Doctor. A. I'm an expert in terms of how the process of degradation changes properties of polypropylene in histological sections. I am not an expert in chemical reactions behind. Q. Doctor, let's look at what you told the jury in Bellew on page 689. Page 689, line 6. Tell me when you're there. A. Yes. Q. Question, it's the same question I	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	"Answer: That's correct." Did I read that correctly, Dr. Iakovlev? A. Yes, you read it correctly. Q. Thank you. And, Doctor, we talked about this earlier but you know that Prolene is the brand name for Ethicon's mesh, right? A. Yes. Q. And you know that Prolene is made out of polypropylene plus special additives, is that correct? A. That's correct. Q. And in fact that's what makes Prolene different than other meshes on the market. Is that correct, sir? MR. FREESE: Object to the form and the question. THE DEPONENT: I don't think I can answer that question. I don't know if it is different and if that's the only thing which makes it different. BY MR. HUTCHINSON:

73 (Pages 286 to 289)

	Page 290		Page 292
1	Q. And so you can't tell us the names	1	BY MR. ANDERSON:
2	of antioxidants that Ethicon adds to polypropylene	2	Q. Doctor?
3	to make Prolene can you, sir?	3	MR. ANDERSON: The same objection.
4	A. No, I cannot.	4	BY MR. HUTCHINSON:
5	Q. And you can't tell the jury how	5	Q. Did you get that wood from the
6	those antioxidants prevent oxidation can you, sir?	6	plaintiff's lawyer?
7	A. No, I cannot. I know that they need	7	A. This one? This specific?
8	to be used because it degrades, that's why it's	8	Q. Yes, sir.
9	being used.	9	A. Yes, it was brought by plaintiff's
10	Q. In fact you can't tell the jury the	10	lawyer.
11	names of the antioxidants that are used can you,	11	Q. And if you'll hold it up right
12	sir?	12	there. Now, you use this piece of wood to
13	MR. ANDERSON: Objection. Asked and	13	demonstrate that there's nothing wrong with the
14	answered. Go ahead.	14	core, is that right?
15	THE DEPONENT: I cannot.	15	A. Yes.
16	BY MR. HUTCHINSON:	16	Q. Okay. Now, Dr. Iakovlev, I want to
17	Q. I'm sorry?	17	hand you another piece of wood.
18	A. I cannot.	18	A. Yes.
19	Q. Thank you.	19	MR. ANDERSON: Plaintiff's lawyer give
20	A. I can tell you that Ethicon needs	20	you that one.
21	antioxidants in polypropylene to delay	21	MR. FREESE: We looked at that one
22	degradation.	22	yesterday too.
23	Q. And, Doctor, you've never done an	23	BY MR. ANDERSON:
24	analysis to determine or quantify the rate at	24	Q. Move to strike.
	Page 291	21	Page 293
1		1	
1	which these antioxidants are depleted have you, sir?	1 2	Dr. Iakovlev, you have never seen a
2	 -	3	fiber from a mesh explant have a crack like that
3	MR. ANDERSON: Well he just said he	4	have you, sir? A. Which one? Like this?
4	didn't know what they are so how in the world is	1	
5	he going to know if they're depleted? But	5 6	Q. Yes, sir.
7	objection.	7	A. When there is chattering in specific conditions they're in artifact which cracks the
l _	BY MR. HUTCHINSON:	_	-
8	Q. Is that correct, Doctor? Is that	8 9	fibers.
9	correct, sir? A. That's correct.	10	Q. And my question, sir why don't
11	Q. Thank you. And, Doctor, you showed	11	you hold the smaller piece up? A. Yes.
12	the jury the slice of wood earlier. Do you	12	
13	remember that?	13	Q. Just the smaller one, I know the bigger one's heavy. You've never seen a fiber
14	A. Yes, I do.	14	under the microscope that looks like that have
T-4			
			_
15	Q. And do you still have it with you?	15	you, sir?
15 16	Q. And do you still have it with you?A. Yes, I do.	15 16	you, sir? A. Not artifact.
15 16 17	Q. And do you still have it with you?A. Yes, I do.Q. And why don't you put it up there on	15 16 17	you, sir? A. Not artifact. MR. HUTCHINSON: Object to the form of
15 16 17 18	Q. And do you still have it with you? A. Yes, I do. Q. And why don't you put it up there on the table?	15 16 17 18	you, sir? A. Not artifact. MR. HUTCHINSON: Object to the form of the question.
15 16 17 18 19	Q. And do you still have it with you? A. Yes, I do. Q. And why don't you put it up there on the table? A. Sure.	15 16 17 18 19	you, sir? A. Not artifact. MR. HUTCHINSON: Object to the form of the question. THE DEPONENT: No, I have never seen it.
15 16 17 18 19 20	Q. And do you still have it with you? A. Yes, I do. Q. And why don't you put it up there on the table? A. Sure. Q. And by the way where did you get it?	15 16 17 18 19 20	you, sir? A. Not artifact. MR. HUTCHINSON: Object to the form of the question. THE DEPONENT: No, I have never seen it. BY MR. HUTCHINSON:
15 16 17 18 19 20 21	Q. And do you still have it with you? A. Yes, I do. Q. And why don't you put it up there on the table? A. Sure. Q. And by the way where did you get it? Where did you get that wood? From the plaintiff's	15 16 17 18 19 20 21	you, sir? A. Not artifact. MR. HUTCHINSON: Object to the form of the question. THE DEPONENT: No, I have never seen it. BY MR. HUTCHINSON: Q. Thank you. And, Doctor, by the way
15 16 17 18 19 20 21 22	Q. And do you still have it with you? A. Yes, I do. Q. And why don't you put it up there on the table? A. Sure. Q. And by the way where did you get it? Where did you get that wood? From the plaintiff's lawyer?	15 16 17 18 19 20 21 22	you, sir? A. Not artifact. MR. HUTCHINSON: Object to the form of the question. THE DEPONENT: No, I have never seen it. BY MR. HUTCHINSON: Q. Thank you. And, Doctor, by the way that wood, let's look at the exhibit that you used
15 16 17 18 19 20 21	Q. And do you still have it with you? A. Yes, I do. Q. And why don't you put it up there on the table? A. Sure. Q. And by the way where did you get it? Where did you get that wood? From the plaintiff's	15 16 17 18 19 20 21	you, sir? A. Not artifact. MR. HUTCHINSON: Object to the form of the question. THE DEPONENT: No, I have never seen it. BY MR. HUTCHINSON: Q. Thank you. And, Doctor, by the way

74 (Pages 290 to 293)

	Page 294		Page 296
1	Q. That wood's never been in the body	1	MR. HUTCHINSON: Absolutely. Just
2	has it?	2	because you say he is doesn't mean he is.
3	A. No.	3	MR. ANDERSON: Oh God. He's going to
4	Q. And if it had been in the body it	4	answer your question the way he's going to answer
5	would be covered with proteins wouldn't it, sir?	5	it. You want to move to strike it? Move to
6	MR. ANDERSON: Objection.	6	strike it.
7	THE DEPONENT: Yes.	7	MR. HUTCHINSON: I'll be happy to.
8	BY MR. ANDERSON:	8	MR. ANDERSON: I'm sure you would.
9	Q. And in fact it would be coated,	9	
10	using your own words, with proteins wouldn't it,	10	BY MR. HUTCHINSON:
11	sir?	11	Q. Dr. Iakovlev?
12	A. I wouldn't say coated, it would	12	A. Yes.
13	probably be soaked into the pores of the bark	13	Q. You'll agree that the outer layer
14	here.	14	that you're showing the jury is pink. Yes or no?
15	Q. And, Doctor, you testified this	15	Can you answer that question yes or no?
16	morning that eosin stains proteins pink, correct?	16	A. I cannot answer that question yes or
17	A. Yes.	17	no. I have to give you a full answer. And the
18	Q. And, Doctor, let's look at your	18	full answer will be that the outer portions of the
19	Exhibit 1, which is Ms. Ramirez's report?	19	bark, the very edge of this is more pink. There
20	A. Yes.	20	are more proteins on the surface but when we go
21	Q. And if you'll turn with me please to	21	deeper down the intensity of color drops and it
22	page 25? And let's look at Exhibit 17(A).	22	becomes more purple.
23	A. Page 25. Of which report?	23	Q. Move to strike everything after "I
24	MR. ANDERSON: Of the case-specific	24	cannot answer yes or no".
	Page 295		Page 297
1	report or the general report?	_	
		1 7	Dr. Inkovlay you discussed in your
2		$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	Dr. Iakovlev, you discussed in your
2	BY MR. ANDERSON:	2	direct examination some literature this morning.
3	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure	2 3	direct examination some literature this morning. Do you remember that?
3 4	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A).	2 3 4	direct examination some literature this morning. Do you remember that? A. Yes, I do.
3 4 5	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes.	2 3 4 5	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of
3 4 5 6	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that	2 3 4 5 6	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm
3 4 5 6 7	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And	2 3 4 5 6 7	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19.
3 4 5 6 7 8	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains	2 3 4 5 6 7 8	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second.
3 4 5 6 7 8 9	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that?	2 3 4 5 6 7 8	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal
3 4 5 6 7 8 9	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes.	2 3 4 5 6 7 8 9	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes.
3 4 5 6 7 8 9 10	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the	2 3 4 5 6 7 8 9 10	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20.
3 4 5 6 7 8 9 10 11	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've	2 3 4 5 6 7 8 9 10 11	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19.
3 4 5 6 7 8 9 10 11 12 13	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct?	2 3 4 5 6 7 8 9 10 11 12 13	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay.
3 4 5 6 7 8 9 10 11 12 13 14	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple.	2 3 4 5 6 7 8 9 10 11 12 13 14	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal
3 4 5 6 7 8 9 10 11 12 13 14	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury?	2 3 4 5 6 7 8 9 10 11 12 13 14 15	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor?
3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury? A. The outer part.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor? A. Yes, I do.
3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury? A. The outer part. Q. My question, Doctor, is really	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor? A. Yes, I do. Q. And this is a publication that you
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury? A. The outer part. Q. My question, Doctor, is really simple.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor? A. Yes, I do. Q. And this is a publication that you authored, correct?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury? A. The outer part. Q. My question, Doctor, is really simple. MR. ANDERSON: He's trying to answer	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor? A. Yes, I do. Q. And this is a publication that you authored, correct? A. That's correct.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury? A. The outer part. Q. My question, Doctor, is really simple. MR. ANDERSON: He's trying to answer your question.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor? A. Yes, I do. Q. And this is a publication that you authored, correct? A. That's correct. Q. And it was published in 2014, is
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury? A. The outer part. Q. My question, Doctor, is really simple. MR. ANDERSON: He's trying to answer your question. MR. HUTCHINSON: No, he's not. My	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor? A. Yes, I do. Q. And this is a publication that you authored, correct? A. That's correct. Q. And it was published in 2014, is that right?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury? A. The outer part. Q. My question, Doctor, is really simple. MR. ANDERSON: He's trying to answer your question. MR. HUTCHINSON: No, he's not. My question is very simple.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor? A. Yes, I do. Q. And this is a publication that you authored, correct? A. That's correct. Q. And it was published in 2014, is that right? A. That's correct.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. ANDERSON: Q. Yes, case specific. Page 25, figure JR(17)(A). A. Yes. Q. And, Doctor, why don't you hold that up for the jury so they can see it please? And Doctor, you testified earlier that eosin stains proteins pink. Do you remember that? A. Yes. Q. And, Doctor, you'll agree that the outer layer that in the picture that you've labelled JR(17) is pink, correct? A. More purple. Q. Would you show it to the jury? A. The outer part. Q. My question, Doctor, is really simple. MR. ANDERSON: He's trying to answer your question. MR. HUTCHINSON: No, he's not. My	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	direct examination some literature this morning. Do you remember that? A. Yes, I do. Q. And in fact let's look at some of that literature. Let's look at Exhibit 20. I'm sorry, Exhibit 19. A. Just give me a second. Q. Pathology of Explanted Transvaginal Meshes. A. This is Exhibit 20. Q. Exhibit 19. A. Oh 19. Okay. Q. Pathology of Explanted Transvaginal Meshes. Do you see that, Doctor? A. Yes, I do. Q. And this is a publication that you authored, correct? A. That's correct. Q. And it was published in 2014, is that right?

75 (Pages 294 to 297)

	Page 298		Page 300
1	study weren't you? In 2014?	1	with the mesh remain incompletely understood."
2	A. Yes.	2	Did I read that correctly, sir?
3	Q. And if we look at that very top	3	A. That's correct.
4	paragraph in the abstract do you see that?	4	Q. And in fact you go on to write, for
5	A. Yes, I do.	5	example, "The fundamental question as to whether
6	Q. And if you can pull that up? And I	6	or not polypropylene degrades in the body is still
7	want you to read the very first sentence of the	7	unresolved." Did I read that correctly?
8	paper you authored.	8	A. That's correct.
9	"The use of polypropylene mesh	9	Q. And, Doctor, let's look at some more
10	devices for pelvic organ prolapse	10	literature that you cite.
11	spread rapidly during the last decade	11	A. Sure.
12	yet our knowledge of the mesh tissue	12	Q. I would like to turn your attention
13	interaction is far from complete."	13	to Exhibit 8 this is the Celine Mary article,
14	A. That's correct.	14	correct?
15	Q. Did I read that correctly, sir?	15	A. Well let me first pull the exhibit.
16	A. You read it correctly.	16	Yes.
17	Q. Thank you. And let's look at the	17	Q. And this is one of the documents
18	other paper that you authored, it's Exhibit 20.	18	that you relied on in reaching your opinions, is
19	A. Yes.	19	that correct, sir?
20	Q. And it's titled "Degradation of	20	A. That's correct.
21	polypropylene In Vivo Microscopic Analysis". Do	21	Q. And if we look at the first
22	you have that paper in front of you, Doctor?	22	paragraph on the first page it says,
23	A. Yes, I do.	23	"Polypropylene", and I'll give the
24	Q. In fact you were a paid expert	24	"Polypropylene was introduced as a suture material
	Page 299		Page 301
1	witness for the plaintiffs at the time of this	1	in the late 1950s." Did I read that correctly?
2	study weren't you?	2	· · · · · · · · · · · · · · · · · · ·
2 3	study weren't you? A. Yes. I was.	2	A. Yes.
3	A. Yes, I was.	3	A. Yes.Q. "And it has a high flexibility and
3 4	A. Yes, I was.Q. And, Doctor, this paper was	3 4	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity
3	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct?	3 4 5	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly?
3 4 5	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct.	3 4	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the
3 4 5 6 7	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year	3 4 5 6 7	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes.
3 4 5 6	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir?	3 4 5 6	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it
3 4 5 6 7 8	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct.	3 4 5 6 7 8 9	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I,
3 4 5 6 7 8 9	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And	3 4 5 6 7 8	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please.
3 4 5 6 7 8 9	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct.	3 4 5 6 7 8 9	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I,
3 4 5 6 7 8 9 10	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it	3 4 5 6 7 8 9 10	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and
3 4 5 6 7 8 9 10 11	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that?	3 4 5 6 7 8 9 10 11 12	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly.
3 4 5 6 7 8 9 10 11 12 13	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do.	3 4 5 6 7 8 9 10 11 12 13	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir?
3 4 5 6 7 8 9 10 11 12 13 14	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do. Q. And Doctor, you write, "The	3 4 5 6 7 8 9 10 11 12 13 14	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly. Q. Thank you. And let's look at the
3 4 5 6 7 8 9 10 11 12 13 14 15	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do. Q. And Doctor, you write, "The fundamental question as to whether polypropylene	3 4 5 6 7 8 9 10 11 12 13 14	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly. Q. Thank you. And let's look at the Jogenbloed article, Doctor.
3 4 5 6 7 8 9 10 11 12 13 14 15	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do. Q. And Doctor, you write, "The fundamental question as to whether polypropylene degrades in the body is still debated." Did I	3 4 5 6 7 8 9 10 11 12 13 14 15	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly. Q. Thank you. And let's look at the Jogenbloed article, Doctor. A. Exhibit number?
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do. Q. And Doctor, you write, "The fundamental question as to whether polypropylene degrades in the body is still debated." Did I read that correctly?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly. Q. Thank you. And let's look at the Jogenbloed article, Doctor. A. Exhibit number? Q. Exhibit 13.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do. Q. And Doctor, you write, "The fundamental question as to whether polypropylene degrades in the body is still debated." Did I read that correctly? A. That's correct. That's what we're	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly. Q. Thank you. And let's look at the Jogenbloed article, Doctor. A. Exhibit number? Q. Exhibit 13. A. Yes.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do. Q. And Doctor, you write, "The fundamental question as to whether polypropylene degrades in the body is still debated." Did I read that correctly? A. That's correct. That's what we're doing right now.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly. Q. Thank you. And let's look at the Jogenbloed article, Doctor. A. Exhibit number? Q. Exhibit 13. A. Yes. Q. And if we look at the title, that's
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do. Q. And Doctor, you write, "The fundamental question as to whether polypropylene degrades in the body is still debated." Did I read that correctly? A. That's correct. That's what we're doing right now. Q. And in fact, Doctor, let's look at	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly. Q. Thank you. And let's look at the Jogenbloed article, Doctor. A. Exhibit number? Q. Exhibit 13. A. Yes. Q. And if we look at the title, that's the only thing I want to look at on this document.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Yes, I was. Q. And, Doctor, this paper was published by you in July of 2015, is that correct? A. That's correct. Q. And in fact that's less than a year ago isn't it, sir? A. That's correct. Q. And let's look at the abstract. And on the left-hand side paragraph in the middle it says, "The fundamental question", do you see that? A. I do. Q. And Doctor, you write, "The fundamental question as to whether polypropylene degrades in the body is still debated." Did I read that correctly? A. That's correct. That's what we're doing right now. Q. And in fact, Doctor, let's look at the first page. You can pull that down. And the	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Yes. Q. "And it has a high flexibility and tensile strength and exhibits low thrombogenicity and tissue reaction." Did I read that correctly? A. Well with little mistake but for the most part, yes. Q. But I did read the fact that it exhibits low tissue reaction correctly didn't I, sir? If you can highlight it please. "Polypropylene exhibits low thrombogenicity and tissue reaction." Did I read that correctly, sir? A. Yes, now you've read it correctly. Q. Thank you. And let's look at the Jogenbloed article, Doctor. A. Exhibit number? Q. Exhibit 13. A. Yes. Q. And if we look at the title, that's the only thing I want to look at on this document. A. Yes.

76 (Pages 298 to 301)

	Page 302		Page 304
1	A. Yes. It degrades in the eye, in	1	A. Yes, at the time when they analyzed
2	degrades in other tissues.	2	that.
3	Q. And, Doctor, you understand that UV	3	Q. Thank you. And if we look at the
4	light degrades polypropylene don't you?	4	"Conclusions" section?
5	A. Yes.	5	A. I do.
6	Q. And, Doctor, vaginal mesh isn't	6	Q. If we leave if we read the very
7	exposed to UV light in the pelvic region is it,	7	last line in number 5 it says:
8	sir?	8	"These results support the view
9	A. Not in normal conditions.	9	that the changes observed for pure
10	Q. Thank you. Let's look at Exhibit	10	implanted filaments are due to
11	15, Doctor, that's the Leibert study.	11	oxidation rather than diffusional or
12	A. Yes.	12	other unknown effects since the
13	Q. In fact this is another document	13	antioxidant specifically inhibits
14	that you relied on in support of your opinions,	14	and/or retards oxidation."
15	correct?	15	Did I read that correctly, sir?
16	A. Yes.	16	A. Yes, you read it correctly.
17	Q. And let's look at the very last line	17	Q. Thank you. And let's look at
18	in the summary on the first page. It says,	18	Exhibit 18, which was the Wood article.
19	"Long-term effects of polymer implantation upon	19	A. Yes.
20	tissue were not studied in this work." Did I read	20	
21	that correctly, sir?	21	Q. Dr. Iakovlev, you relied on this for your opinions didn't you, sir?
22	A. That's correct.	22	• •
23		23	A. Yes, I did.
	Q. And in fact, Doctor, you understand		Q. And Dr. Iakovlev, you'll agree that
24	from reading the Leibert article that the	24	the Wood article doesn't even discuss a product
	Page 303		Page 305
1	scientists studied one filament with antioxidants	1	made of Prolene does it, sir?
2	and one filament without antioxidants, correct?	2	made of Prolene does it, sir? MR. ANDERSON: Objection.
2	and one filament without antioxidants, correct? A. I don't remember if it was just one	2	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you.
2 3 4	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with	2 3 4	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene".
2 3 4 5	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants.	2 3 4 5	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON:
2 3 4 5 6	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they	2 3 4 5 6	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive.
2 3 4 5	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants.	2 3 4 5	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not
2 3 4 5 6	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct?	2 3 4 5 6 7 8	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene.
2 3 4 5 6 7 8	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct.	2 3 4 5 6 7 8	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are
2 3 4 5 6 7 8 9	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on	2 3 4 5 6 7 8 9	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things.
2 3 4 5 6 7 8 9 10	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article	2 3 4 5 6 7 8 9 10	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me
2 3 4 5 6 7 8 9 10 11	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes.	2 3 4 5 6 7 8 9 10 11	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct?
2 3 4 5 6 7 8 9 10 11 12 13	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's	2 3 4 5 6 7 8 9 10 11 12 13	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct.
2 3 4 5 6 7 8 9 10 11 12 13 14	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last.	2 3 4 5 6 7 8 9 10 11 12 13 14	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top	2 3 4 5 6 7 8 9 10 11 12 13 14	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top paragraph. The paragraph that charts with, "No	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON: Q. Alright. So you'll agree that the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top paragraph. The paragraph that charts with, "No changes".	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON: Q. Alright. So you'll agree that the Wood article says nothing about Prolene in it,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top paragraph. The paragraph that charts with, "No changes". A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON: Q. Alright. So you'll agree that the Wood article says nothing about Prolene in it, correct?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top paragraph. The paragraph that charts with, "No changes". A. Yes. Q. "No changes in mechanical	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON: Q. Alright. So you'll agree that the Wood article says nothing about Prolene in it, correct? A. They don't use word "Prolene"
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top paragraph. The paragraph that charts with, "No changes". A. Yes. Q. "No changes in mechanical properties or infrared spectra were	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON: Q. Alright. So you'll agree that the Wood article says nothing about Prolene in it, correct? A. They don't use word "Prolene" Q. Thank you.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top paragraph. The paragraph that charts with, "No changes". A. Yes. Q. "No changes in mechanical properties or infrared spectra were observed for any of the filaments	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON: Q. Alright. So you'll agree that the Wood article says nothing about Prolene in it, correct? A. They don't use word "Prolene" Q. Thank you. A. That would be a correct statement.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top paragraph. The paragraph that charts with, "No changes". A. Yes. Q. "No changes in mechanical properties or infrared spectra were observed for any of the filaments containing antioxidants which were	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON: Q. Alright. So you'll agree that the Wood article says nothing about Prolene in it, correct? A. They don't use word "Prolene" Q. Thank you. A. That would be a correct statement. Q. Thank you.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	and one filament without antioxidants, correct? A. I don't remember if it was just one filament but they compare polymer with antioxidants and without oxidants. Q. Thank you. And in fact they compared those after putting it in hamsters, is that correct? A. That's correct. Q. And, Doctor, if you look with me on the last page of the Leibert article A. Yes. Q. Page 950 please. It's A. The second last. Q. Yes, the second-to-last, top paragraph. The paragraph that charts with, "No changes". A. Yes. Q. "No changes in mechanical properties or infrared spectra were observed for any of the filaments	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	made of Prolene does it, sir? MR. ANDERSON: Objection. THE DEPONENT: I can't agree with you. It says "polypropylene". BY MR. ANDERSON: Q. Move to strike as nonresponsive. I'm talking about Prolene, sir, not polypropylene but Prolene. A. But Prolene and polypropylene are the same things. Q. Dr. Iakovlev, you've already told me you're not on analytical chemist, correct? A. Correct. MR. ANDERSON: Objection. BY MR. HUTCHINSON: Q. Alright. So you'll agree that the Wood article says nothing about Prolene in it, correct? A. They don't use word "Prolene" Q. Thank you. A. That would be a correct statement.

77 (Pages 302 to 305)

	Page 306		Page 308
1	Q. Thank you. And, Doctor, if you look	1	like the ones that you showed the jury earlier, is
2	at page 117 of the Wood article, 1117 to be exact.	2	that right?
3	A. Yes.	3	A. Well my lab makes the slides.
4	Q. You'll see that the authors have an	4	Q. Okay. But more or less what you do
5	FTIR spectra there?	5	as a pathologist is that you review slides and
6	A. Yes.	6	reach conclusions about a patient's illness or
7	Q. I'm waiting for the IT folks to	7	disease, is that right?
8	catch up. There it is. Thank you.	8	A. Well I analyze them in view of the
9	And, Doctor, you'll see that there's a	9	history, connect clinical information with
10	carbonyl peak at 1740. Do you see that?	10	pathological information and then arrive to
11	A. I am not a material scientist. I	11	diagnosis.
12	cannot interpret this graph.	12	Q. Doctor, you'll agree that it's
13	Q. So you can't interpret whether or	13	important to never mix up a patient's tissue
14	not this oxidized the polypropylene oxidized in	14	samples, correct?
15	this study can you, sir?	15	A. Yes.
16	A. I'm not using I'm not familiar	16	Q. So if we're looking for cancer
17	with this technique.	17	cells, for example, that would be a bad thing to
18	Q. I'm sorry?	18	mix up a patient's tissue samples, is that
19	A. I'm not using it. I'm not familiar	19	correct?
20	with the technique. I cannot interpret this	20	A. That's correct.
21	graph.	21	Q. In fact, Doctor, you would never
22	Q. Thank you. In fact you can't	22	trust a pathologist who repeatedly mixed up tissue
23	interpret any spectra in the Wood article you,	23	samples would you?
24	sir?	24	MR. ANDERSON: Objection.
	Page 307		Page 309
		l .	3
1	A. No.	1	
1 2	A. No.Q. In fact, Doctor, you've never seen	1 2	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of
	Q. In fact, Doctor, you've never seen	l .	THE DEPONENT: Yes. I mean, this is
2		2	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of
2	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body	2	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient.
2 3 4	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir?	2 3 4	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON:
2 3 4 5	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing	2 3 4 5	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue
2 3 4 5 6	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge.	2 3 4 5 6	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that
2 3 4 5 6 7	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a	2 3 4 5 6 7	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right?
2 3 4 5 6 7 8	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel.	2 3 4 5 6 7 8	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes.
2 3 4 5 6 7 8	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken.	2 3 4 5 6 7 8	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should
2 3 4 5 6 7 8 9	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m.	2 3 4 5 6 7 8 9	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does
2 3 4 5 6 7 8 9 10	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m.	2 3 4 5 6 7 8 9 10 11 12 13	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters.
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON:	2 3 4 5 6 7 8 9 10 11 12 13 14	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break,	2 3 4 5 6 7 8 9 10 11 12 13 14	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break, are you ready to go?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be skeptical of that pathologist's work wouldn't you,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break, are you ready to go? A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be skeptical of that pathologist's work wouldn't you, sir?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break, are you ready to go? A. Yes. Q. I want to talk about what you do at	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be skeptical of that pathologist's work wouldn't you, sir? A. Well it may happen at different
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break, are you ready to go? A. Yes. Q. I want to talk about what you do at the hospital in Canada where you work, okay?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be skeptical of that pathologist's work wouldn't you, sir? A. Well it may happen at different stages. It doesn't have to be pathologist's
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break, are you ready to go? A. Yes. Q. I want to talk about what you do at the hospital in Canada where you work, okay? A. Okay.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be skeptical of that pathologist's work wouldn't you, sir? A. Well it may happen at different stages. It doesn't have to be pathologist's fault. There are several reasons why it can
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break, are you ready to go? A. Yes. Q. I want to talk about what you do at the hospital in Canada where you work, okay? A. Okay. Q. As a pathologist you study tissue	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be skeptical of that pathologist's work wouldn't you, sir? A. Well it may happen at different stages. It doesn't have to be pathologist's fault. There are several reasons why it can happen. I mean, when there are large volumes
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break, are you ready to go? A. Yes. Q. I want to talk about what you do at the hospital in Canada where you work, okay? A. Okay. Q. As a pathologist you study tissue that's been removed from patients, is that right?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be skeptical of that pathologist's work wouldn't you, sir? A. Well it may happen at different stages. It doesn't have to be pathologist's fault. There are several reasons why it can happen. I mean, when there are large volumes things happen. We try to keep them low, as low as
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. In fact, Doctor, you've never seen an FTIR spectra for oxidized Prolene from the body have you, sir? A. Well, I've seen articles publishing it. That's the extent of my knowledge. MR. HUTCHINSON: We're going to take a break, counsel. THE VIDEOGRAPHER: Going off the record at 4:13 p.m. Break taken. THE VIDEOGRAPHER: We're back on the record at 4:22 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, we just took a break, are you ready to go? A. Yes. Q. I want to talk about what you do at the hospital in Canada where you work, okay? A. Okay. Q. As a pathologist you study tissue	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE DEPONENT: Yes. I mean, this is basic principles that we have to keep track of what is coming from which patient. BY MR. HUTCHINSON: Q. It's a basic principle that tissue samples should always be accounted for, is that right? A. Yes. Q. Okay. And a pathologist should never mix up tissue samples should they, sir? A. No. I mean, they shouldn't mix up I mean there are some situations when it does not matter and some situation where it matters. In most cases it matters. Q. But if it did happen you'd be skeptical of that pathologist's work wouldn't you, sir? A. Well it may happen at different stages. It doesn't have to be pathologist's fault. There are several reasons why it can happen. I mean, when there are large volumes

78 (Pages 306 to 309)

	Page 310		Page 312
1	tissue samples?	1	a picture on the bottom?
2	A. We had some mix-ups. I mean, this	2	A. Yes.
3	happens all the time. Some of the samples I	3	Q. And both of these pictures were
4	signed out we had these problems. We caught them	4	important to your opinion in the Edward's case,
5	and corrected the errors.	5	weren't they?
6	Q. Was that at St. Michael's Hospital	6	A. To a degree.
7	in Canada?	7	Q. And Ms. Edwards received an Ethicon
8	A. Yes.	8	mesh didn't she, sir?
9	Q. Were you reprimanded for that,	9	A. Yes.
10	Doctor?	10	Q. And, Doctor, I've handed you a black
11	A. What do you mean?	11	Sharpie pen. Would you circle the top picture for
12	Q. Were you reprimanded by any type of	12	us, please?
13	medical authority for that happening, sir?	13	MR. ANDERSON: I'm going to object to
14	A. No, I mean it wasn't my fault.	14	the relevance of all this line of questioning
15	Q. Doctor, you have given opinions	15	about Husky Edwards.
16	against Ethicon in the Husky Edwards case, is that	16	BY MR. HUTCHINSON:
17	correct?	17	Q. Circle the top picture for us
18	A. Yes.	18	please, sir.
19	Q. And I want to hand you what's been	19	•
20	marked as Exhibit 9 to your deposition.	20	A. Okay.
21	DEFENSE EXHIBIT NO. 9: Rule 26	21	Q. And I want you to write down at the
22		22	bottom "Edwards Ethicon" so that the jury can
	expert report of Dr. Vladimir Iakovlev		understand it and review it. And, Dr. Iakovlev,
23	re. Jo Husky, et al., and Tonya	23	you've also given testimony against American
24	Edwards, et al.	24	Medical Systems, is that correct?
	Page 311		Page 313
1	BY MR. HUTCHINSON:	1	A. That's correct.
2	0 771 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	l .	
1 -	Q. This is a copy of the report that	2	Q. I want to hand you what's been
3	you prepared against Ethicon. Is that right, sir?	2	Q. I want to hand you what's been marked as Exhibit 10 to your deposition.
	you prepared against Ethicon. Is that right, sir? A. Yes.		Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes.
3	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this	3	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to
3 4	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct?	3 4	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of
3 4 5	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this	3 4 5	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie
3 4 5 6	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct?	3 4 5 6	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of
3 4 5 6 7	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the	3 4 5 6 7	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie
3 4 5 6 7 8	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report.	3 4 5 6 7 8	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the
3 4 5 6 7 8 9 10	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir?	3 4 5 6 7 8 9 10	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is
3 4 5 6 7 8 9	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is.	3 4 5 6 7 8 9	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor?
3 4 5 6 7 8 9 10	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir?	3 4 5 6 7 8 9 10	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is
3 4 5 6 7 8 9 10 11	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is.	3 4 5 6 7 8 9 10 11	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen.
3 4 5 6 7 8 9 10 11 12 13	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread	3 4 5 6 7 8 9 10 11 12 13	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen. Q. No, we're talks about Exhibit 10.
3 4 5 6 7 8 9 10 11 12 13 14	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread this before you signed it, correct?	3 4 5 6 7 8 9 10 11 12 13 14	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen.
3 4 5 6 7 8 9 10 11 12 13 14 15	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread this before you signed it, correct? A. Yes, I do read reports when I sign	3 4 5 6 7 8 9 10 11 12 13 14	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen. Q. No, we're talks about Exhibit 10.
3 4 5 6 7 8 9 10 11 12 13 14 15	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread this before you signed it, correct? A. Yes, I do read reports when I sign them. Q. And, Doctor, let's look at page 22 of the report that you did for Ms. Edwards. Are	3 4 5 6 7 8 9 10 11 12 13 14 15	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen. Q. No, we're talks about Exhibit 10. That's Exhibit 10. A. Yes. Q. My question is, this is the report
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread this before you signed it, correct? A. Yes, I do read reports when I sign them. Q. And, Doctor, let's look at page 22	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen. Q. No, we're talks about Exhibit 10. That's Exhibit 10. A. Yes. Q. My question is, this is the report that you prepared against American Medical Systems
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread this before you signed it, correct? A. Yes, I do read reports when I sign them. Q. And, Doctor, let's look at page 22 of the report that you did for Ms. Edwards. Are	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen. Q. No, we're talks about Exhibit 10. That's Exhibit 10. A. Yes. Q. My question is, this is the report
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread this before you signed it, correct? A. Yes, I do read reports when I sign them. Q. And, Doctor, let's look at page 22 of the report that you did for Ms. Edwards. Are you there?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen. Q. No, we're talks about Exhibit 10. That's Exhibit 10. A. Yes. Q. My question is, this is the report that you prepared against American Medical Systems
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread this before you signed it, correct? A. Yes, I do read reports when I sign them. Q. And, Doctor, let's look at page 22 of the report that you did for Ms. Edwards. Are you there? A. Yes.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen. Q. No, we're talks about Exhibit 10. That's Exhibit 10. A. Yes. Q. My question is, this is the report that you prepared against American Medical Systems for Lisa Marie Fontes, is that correct? A. That's correct. Q. And Ms. Fontes received an American
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	you prepared against Ethicon. Is that right, sir? A. Yes. Q. And you signed and dated this report, is that correct? A. Yes. I don't see a date of this report. Q. Well, I want to make sure I have the right copy so let's look at page 74. That's your signature on page 74, is that correct, sir? A. Yes, it is. Q. And Doctor, certainly you proofread this before you signed it, correct? A. Yes, I do read reports when I sign them. Q. And, Doctor, let's look at page 22 of the report that you did for Ms. Edwards. Are you there? A. Yes. Q. And, Doctor, you identify two	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. I want to hand you what's been marked as Exhibit 10 to your deposition. A. Yes. DEFENSE EXHIBIT NO. 10: Addendum to the Rule 26 expert report of Dr. Vladmir Iakovlev re. Lisa Marie Fontes, et al. BY MR. HUTCHINSON: Q. And this is the document or the report that you signed for Lisa Marie Fontes, is that correct? Doctor? A. Um, on page 10 I see John Serrano specimen. Q. No, we're talks about Exhibit 10. That's Exhibit 10. A. Yes. Q. My question is, this is the report that you prepared against American Medical Systems for Lisa Marie Fontes, is that correct? A. That's correct.

79 (Pages 310 to 313)

1	Page 314		Page 316
	Q. And that's a company that's	1	here, yes, they are. Not the top one here.
2	completely different from Ethicon isn't it?	2	Q. And that tissue couldn't have
3	A. Yes.	3	belonged to Ms. Edwards who had an Ethicon mesh
4	Q. And, Doctor, if you look on page 18	4	and somebody else who had an AMS mesh could it?
5	of that report, figure 6. Do you see that figure,	5	A. No.
6	Doctor? Dr. Iakovlev, do you see figure 6 on page	6	Q. In fact
7	18?	7	A. Wait a second. This is not specific
8	A. Well there are two figures in figure	8	to a specific patient because it does not identify
9	6, there is top row figures and bottom row.	9	any patient under these figures. What it does it
10	Q. And, Doctor, if you'll get your pen	10	combines representative images of thrombosed
11	and circle the bottom left photograph for the jury	11	vessels. One of them is Ethicon, one of them is
12	please. Bottom left.	12	AMS. This one is for specific patient and, yes,
13	A. Yes, but the entire figure contains	13	one of the images in this specific report was from
14	two panels, upper panel and lower panel.	14	Ethicon the other one from AMS.
15	Q. I understand. And, Doctor, your	15	Q. Right. In fact, Doctor, you
16	lawyer is going to get to ask you some question.	16	included an AMS picture in your Ethicon report
17	A. Okay.	17	didn't you, sir?
18	Q. But I'm just asking you just the	18	A. Did I say that it was just limited
19	bottom left picture. You circled two pictures.	19	to AMS samples?
20	Just the bottom left picture.	20	Q. Doctor, I need you is to stick with
21	A. It's the same picture. One is	21	me please on page 18.
22	labeled one is not.	22	A. Yes, it was
23	Q. And, Doctor, will you please write	23	Q. And I need you to show the jury
24	"AMS" by that photograph?	24	A. So
	Page 315		Page 317
1	A. Um, I did not say that that specific	1	Q. Excuse me, sir, I'm going to get to
2	is AMS. Why are you making me to do something	2	
			ask the questions, okay?
3	which I did not do?	3	ask the questions, okay? MR. ANDERSON: Well, he's trying to
3 4	which I did not do? MR. ANDERSON: Don't do it.		
		3	MR. ANDERSON: Well, he's trying to
4	MR. ANDERSON: Don't do it.	3 4	MR. ANDERSON: Well, he's trying to answer your questions.
4 5	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON:	3 4 5	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON:
4 5 6	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the	3 4 5 6	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that
4 5 6 7	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS	3 4 5 6 7	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report.
4 5 6 7 8	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir?	3 4 5 6 7 8	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that.
4 5 6 7 8 9	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one	3 4 5 6 7 8 9	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it.
4 5 6 7 8 9	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the	3 4 5 6 7 8 9	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON:
4 5 6 7 8 9 10	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom.	3 4 5 6 7 8 9 10	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS".
4 5 6 7 8 9 10 11	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct.	3 4 5 6 7 8 9 10 11	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be
4 5 6 7 8 9 10 11 12 13	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to	3 4 5 6 7 8 9 10 11 12 13	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say.
4 5 6 7 8 9 10 11 12 13 14	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to hold these up for the jury, please. And in your	3 4 5 6 7 8 9 10 11 12 13	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say. BY MR. HUTCHINSON: Q. Absolutely. MR. ANDERSON: If you want to write it
4 5 6 7 8 9 10 11 12 13 14	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to hold these up for the jury, please. And in your right hand you have an AMS explant mesh, correct?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say. BY MR. HUTCHINSON: Q. Absolutely. MR. ANDERSON: If you want to write it on there you write it on there. If you want to
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to hold these up for the jury, please. And in your right hand you have an AMS explant mesh, correct? A. Yes, with two panels.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say. BY MR. HUTCHINSON: Q. Absolutely. MR. ANDERSON: If you want to write it on there you write it on there. If you want to show it to the jury you show it to the jury but
4 5 6 7 8 9 10 11 12 13 14 15 16	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to hold these up for the jury, please. And in your right hand you have an AMS explant mesh, correct? A. Yes, with two panels. Q. And in your left hand you have an	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say. BY MR. HUTCHINSON: Q. Absolutely. MR. ANDERSON: If you want to write it on there you write it on there. If you want to show it to the jury you show it to the jury but you're not going to make him do it.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to hold these up for the jury, please. And in your right hand you have an AMS explant mesh, correct? A. Yes, with two panels. Q. And in your left hand you have an Ethicon mesh don't you, sir?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say. BY MR. HUTCHINSON: Q. Absolutely. MR. ANDERSON: If you want to write it on there you write it on there. If you want to show it to the jury you show it to the jury but you're not going to make him do it. BY MR. HUTCHINSON:
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to hold these up for the jury, please. And in your right hand you have an AMS explant mesh, correct? A. Yes, with two panels. Q. And in your left hand you have an Ethicon mesh don't you, sir? A. Yes, I do.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say. BY MR. HUTCHINSON: Q. Absolutely. MR. ANDERSON: If you want to write it on there you write it on there. If you want to show it to the jury you show it to the jury but you're not going to make him do it. BY MR. HUTCHINSON: Q. And, Doctor, I've written "AMS" to
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to hold these up for the jury, please. And in your right hand you have an AMS explant mesh, correct? A. Yes, with two panels. Q. And in your left hand you have an Ethicon mesh don't you, sir? A. Yes, I do. Q. And, Doctor, those pictures that	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say. BY MR. HUTCHINSON: Q. Absolutely. MR. ANDERSON: If you want to write it on there you write it on there. If you want to show it to the jury you show it to the jury but you're not going to make him do it. BY MR. HUTCHINSON: Q. And, Doctor, I've written "AMS" to at the bottom. Would you publish that to the jury
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: Don't do it. BY MR. HUTCHINSON: Q. Dr. Iakovlev, would you look at the bottom of that paragraph please and you write "AMS mesh explants." Don't you, sir? A. Yes, but there are two panels, one is panel on the top and then one panel on the bottom. Q. Move to strike as nonresponsive. You write "AMS mesh explants", correct? A. That's correct. Q. And in fact, Doctor, I want you to hold these up for the jury, please. And in your right hand you have an AMS explant mesh, correct? A. Yes, with two panels. Q. And in your left hand you have an Ethicon mesh don't you, sir? A. Yes, I do.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: Well, he's trying to answer your questions. BY MR. HUTCHINSON: Q. And, Doctor, I need you to show that picture right beside your Ethicon report. MR. ANDERSON: He just did that. THE DEPONENT: I just did it. BY MR. HUTCHINSON: Q. And, Doctor, write "AMS". MR. FREESE: No, we're not going to be modifying exhibits. They say what they say. BY MR. HUTCHINSON: Q. Absolutely. MR. ANDERSON: If you want to write it on there you write it on there. If you want to show it to the jury you show it to the jury but you're not going to make him do it. BY MR. HUTCHINSON: Q. And, Doctor, I've written "AMS" to

80 (Pages 314 to 317)

	Page 318		Page 320
1	Q. And in fact, Doctor, on the bottom	1	MR. FREESE: I might be. I don't know
2	of figure 6, and if the camera would zoom in	2	yet.
3	please, you write "AMS mesh explants." Don't you,	3	BY MR. HUTCHINSON:
4	sir? That's what you write, correct?	4	Q. Dr. Iakovlev, page 18.
5	A. Yes, one of them is AMS.	5	A. Yes.
6	Q. And they can't be the same mesh from	6	Q. The picture on the top left and the
7	one from AM and one from Ethicon can it, sir?	7	picture on the bottom left, that's the same tissue
8	A. Well they are.	8	sample isn't it, sir?
9	Q. Is that a mistake, Doctor?	9	A. I don't know.
10	A. Which mistake? There might be "s"	10	Q. It has the same smudge on it in the
11	as a plural tense sorry, as a plural form is an	11	middle doesn't it, sir?
12	error, a typo.	12	A. You cannot go by smudge. You have
13	Q. Which is a typo?	13	to go by labels and I would have to see original
14	A. The "explants".	14	slides to determine that.
15	Q. But, Doctor, you'll agree that the	15	Q. Doctor, you also gave opinions
16	AMS mesh picture that you circled is identical to	16	against Ethicon in the Bellew case didn't you,
17	your AM to your report in the Edward's case,	17	sir?
18	correct?	18	A. Yes, I did.
19	A. Well, we clearly see that it's not	19	Q. I want to hand you what we'll mark
20	AMS it's Ethicon case. It's Ethicon case, yes.	20	as Exhibit 11 in the Bellew case.
21	Q. But you labelled it as an AMS	21	DEFENSE EXHIBIT NO. 11: Rule 26
22	explant, correct?	22	expert report of Vladimir Iakovlev, re.
23	A. Well, I included two pictures here	23	Diane Bellew.
24	and it was probably a typo that "explants", one of	24	
	Page 319		Page 321
1	them is clearly Ethicon. And that does not	1	BY MR. HUTCHINSON:
2	identify which patient. These are representative	2	Q. In fact, Doctor, if you look at page
3	images to show thrombosis rather than to attribute	3	15 you say at the top "All images are of explanted
4	specific findings to specific patient so there is	4	Ethicon mesh unless indicated otherwise." Do you
5	a big difference. Demonstrative purpose or	5	see that?
6	specific diagnostic purpose.	6	A. Yes, I do.
7	Q. And, Doctor but, Doctor, let's	7	Q. And, Doctor, if we turn to page 33
8	look on page 18. And I want you to show the jury	8	of your report against Ethicon in the Bellew case,
9	the two samples that you're looking at. Show the	9	show the jury the picture in the top.
		1 1 0	
10	jury.	10	A. Yes. So we know it's from Edward's
10 11	MR. ANDERSON: How many times do you	11	A. Yes. So we know it's from Edward's case.
11	MR. ANDERSON: How many times do you	11	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS,
11 12	MR. ANDERSON: How many times do you want him to show the jury?	11 12	case. Q. And, Doctor, that's the exact same
11 12 13	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You think you've got your big gotcha moment. It	11 12 13	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis.
11 12 13 14	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You	11 12 13 14	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis. Q. And in fact in your AMS report
11 12 13 14 15	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You think you've got your big gotcha moment. It doesn't mean nothing to me. BY MR. HUTCHINSON:	11 12 13 14 15	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis. Q. And in fact in your AMS report that's the exact same picture that you labelled as
11 12 13 14 15 16 17 18	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You think you've got your big gotcha moment. It doesn't mean nothing to me.	11 12 13 14 15	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis. Q. And in fact in your AMS report that's the exact same picture that you labelled as an AMS mesh explant, correct?
11 12 13 14 15 16 17	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You think you've got your big gotcha moment. It doesn't mean nothing to me. BY MR. HUTCHINSON:	11 12 13 14 15 16 17	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis. Q. And in fact in your AMS report that's the exact same picture that you labelled as
11 12 13 14 15 16 17 18	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You think you've got your big gotcha moment. It doesn't mean nothing to me. BY MR. HUTCHINSON: Q. Dr. Iakovlev, that's the same tissue sample isn't it, sir? MR. FREESE: Move to strike your sidebar	11 12 13 14 15 16 17 18	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis. Q. And in fact in your AMS report that's the exact same picture that you labelled as an AMS mesh explant, correct?
11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You think you've got your big gotcha moment. It doesn't mean nothing to me. BY MR. HUTCHINSON: Q. Dr. Iakovlev, that's the same tissue sample isn't it, sir? MR. FREESE: Move to strike your sidebar comment. Nobody is upset. You have three people	11 12 13 14 15 16 17 18 19 20 21	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis. Q. And in fact in your AMS report that's the exact same picture that you labelled as an AMS mesh explant, correct? A. Well, I don't know if
11 12 13 14 15 16 17 18 19 20 21 22	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You think you've got your big gotcha moment. It doesn't mean nothing to me. BY MR. HUTCHINSON: Q. Dr. Iakovlev, that's the same tissue sample isn't it, sir? MR. FREESE: Move to strike your sidebar comment. Nobody is upset. You have three people laughing over on this side of the table.	11 12 13 14 15 16 17 18 19 20 21 22	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis. Q. And in fact in your AMS report that's the exact same picture that you labelled as an AMS mesh explant, correct? A. Well, I don't know if MR. ANDERSON: Object to the form of the question. THE DEPONENT: I don't know if it was
11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: How many times do you want him to show the jury? MR. HUTCHINSON: I know you're upset. MR. ANDERSON: Nobody's upset. You think you've got your big gotcha moment. It doesn't mean nothing to me. BY MR. HUTCHINSON: Q. Dr. Iakovlev, that's the same tissue sample isn't it, sir? MR. FREESE: Move to strike your sidebar comment. Nobody is upset. You have three people	11 12 13 14 15 16 17 18 19 20 21	case. Q. And, Doctor, that's the exact same picture that you used in your report against AMS, isn't it? A. Yes, to demonstrate thrombosis. Q. And in fact in your AMS report that's the exact same picture that you labelled as an AMS mesh explant, correct? A. Well, I don't know if MR. ANDERSON: Object to the form of the question.

81 (Pages 318 to 321)

	Page 322		Page 324
1	BY MR. HUTCHINSON:	1	THE DEPONENT: Again, could be typo.
2	Q. Doctor, let's look at Ms. Ramirez's	2	BY MR. HUTCHINSON:
3	report. It's maybe Exhibit 1.	3	Q. Doctor, you also have given
4	A. Okay. Here it is.	4	testimony for the plaintiffs against Boston
5	Q. Doctor, you signed and dated	5	Scientific haven't you?
6	Ms. Ramirez's report, didn't you?	6	MR. ANDERSON: Objection, asked and
7	A. Yes, I did.	7	answered.
8	Q. And let's look at page 20.	8	THE DEPONENT: Yes, I did.
9	A. Page 20 of case specific or page 20	9	BY MR. HUTCHINSON:
10		10	Q. I want to hand you what we'll mark
11	Q. Of case specific, yes, sir. Or I'm	11	as the next exhibit. Defense Exhibit 12.
12	sorry, general.	12	DEFENSE EXHIBIT NO. 12: Rule 26
13	A. Yes.	13	expert report of Dr. Vladimir Iakovlev
14	Q. And you write, "All photographs are	14	re. Amal Eghnayem.
15	of explanted Ethicon mesh."	15	BY MR. HUTCHINSON:
16	MR. FREESE: Wait.	16	Q. Are you there with me?
17	MR. ANDERSON: Your numbers on this	17	A. Yes.
18		18	
19	exhibit that you gave me are different. The page numbers are different.	19	Q. And, Doctor, this is the report that
20		20	you did for the Eghnayem case, is that right? A. That's correct.
21	THE DEPONENT: It's the general.	21	
	MR. ANDERSON: Oh it's the general.	22	Q. And you signed and dated this report
22	Okay.		didn't you, sir?
23	BY MR. HUTCHINSON:	23	A. Yes, I did.
24	Q. Dr. Iakovlev, on page 20 of your	24	Q. And, Doctor, if you look at page 16
	Page 323		Page 325
1	Ramirez report for Jennifer Ramirez you write,	1	of the report.
2	"All photographs are of explanted Ethicon	2	
3			A. Yes.
1	devices." Correct?	3	Q. Your write, "All images are of
4	A. That's correct.	4	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated
4 5	A. That's correct.Q. And, Doctor, if you look at page 32	4 5	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir?
5 6	A. That's correct.Q. And, Doctor, if you look at page 32 of your report, turn there with me please.	4 5 6	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did.
5	A. That's correct.Q. And, Doctor, if you look at page 32of your report, turn there with me please.A. Yes.	4 5	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir?
5 6	 A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. 	4 5 6 7 8	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report.
5 6 7	A. That's correct.Q. And, Doctor, if you look at page 32of your report, turn there with me please.A. Yes.	4 5 6 7	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36?
5 6 7 8	 A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. 	4 5 6 7 8	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report.
5 6 7 8 9	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that	4 5 6 7 8 9 10	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes.
5 6 7 8 9	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that	4 5 6 7 8 9 10 11 12	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you
5 6 7 8 9 10	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct?	4 5 6 7 8 9 10 11 12 13	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please?
5 6 7 8 9 10 11	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them.	4 5 6 7 8 9 10 11 12	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one?
5 6 7 8 9 10 11 12	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact	4 5 6 7 8 9 10 11 12 13 14	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one? Q. And, Doctor, why don't you write
5 6 7 8 9 10 11 12 13 14	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact picture that you included in your AMS report that	4 5 6 7 8 9 10 11 12 13	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one?
5 6 7 8 9 10 11 12 13 14	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact	4 5 6 7 8 9 10 11 12 13 14	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one? Q. And, Doctor, why don't you write
5 6 7 8 9 10 11 12 13 14 15	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact picture that you included in your AMS report that	4 5 6 7 8 9 10 11 12 13 14 15	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one? Q. And, Doctor, why don't you write "Boston Scientific" at the bottom?
5 6 7 8 9 10 11 12 13 14 15 16	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact picture that you included in your AMS report that you labelled an AMS mesh, correct?	4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one? Q. And, Doctor, why don't you write "Boston Scientific" at the bottom? MR. FREESE: No, we're not going to
5 6 7 8 9 10 11 12 13 14 15 16 17	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact picture that you included in your AMS report that you labelled an AMS mesh, correct? A. Well, we agreed that there are two	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one? Q. And, Doctor, why don't you write "Boston Scientific" at the bottom? MR. FREESE: No, we're not going to write anything.
5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact picture that you included in your AMS report that you labelled an AMS mesh, correct? A. Well, we agreed that there are two images and one is labelled as AMS, at least one,	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one? Q. And, Doctor, why don't you write "Boston Scientific" at the bottom? MR. FREESE: No, we're not going to write anything. THE DEPONENT: I'm not writing anything.
5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact picture that you included in your AMS report that you labelled an AMS mesh, correct? A. Well, we agreed that there are two images and one is labelled as AMS, at least one, and the other one, as we agreed, is Ethicon from	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one? Q. And, Doctor, why don't you write "Boston Scientific" at the bottom? MR. FREESE: No, we're not going to write anything. THE DEPONENT: I'm not writing anything. I circled it but I'm not writing.
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. That's correct. Q. And, Doctor, if you look at page 32 of your report, turn there with me please. A. Yes. Q. Show that to the jury. A. Yes, it's the same pictures we saw before. Q. That's the exact same picture that you included in your report against AMS, is that correct? A. One of them. Q. And, Doctor, that's the exact picture that you included in your AMS report that you labelled an AMS mesh, correct? A. Well, we agreed that there are two images and one is labelled as AMS, at least one, and the other one, as we agreed, is Ethicon from Ms. Edward's case.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Your write, "All images are of explanted Boston Scientific mesh unless indicated others." Did I read that correctly, sir? A. Yes, you did. Q. And if you go to page 36 of your Boston Scientific report. A. 36? Q. Yes, sir. A. Yes. Q. And using that black pen would you circle the bottom image for us please? A. This one? Q. And, Doctor, why don't you write "Boston Scientific" at the bottom? MR. FREESE: No, we're not going to write anything. THE DEPONENT: I'm not writing anything. I circled it but I'm not writing. BY MR. HUTCHINSON:

82 (Pages 322 to 325)

	Page 326		Page 328
1	MR. ANDERSON: You can't ask him to	1	manufacturers.
2	alter the exhibits. If you want to do it you can.	2	Q. And, Doctor, in your right hand your
3	BY MR. HUTCHINSON:	3	report you tell whoever is going to read it that
4	Q. Doctor, are you refusing to write	4	all images are of explanted Boston Scientific mesh
5	Boston Scientific	5	don't you, sir?
6	MR. ANDERSON: Don't answer the	6	A. Well
7	question. Don't answer the question.	7	MR. ANDERSON: Objection to form and
8	MR. FREESE: He's refusing to do it.	8	relevance.
9	BY MR. ANDERSON:	9	THE DEPONENT: apparently there was
10	Q. Doctor, you refuse to write "Boston	10	missed information missed labelling here that
11	Scientific" at the bottom didn't you, sir?	11	it's from Boston Scientific.
12	MR. FREESE: No, he was instructed not	12	BY MR. HUTCHINSON:
13	to do it.	13	Q. Thank you. And in fact, Doctor, if
14	MR. HUTCHINSON: Well I'm going to get a	14	you look in the documents in your right hand, I'm
15	yes or no from him on that question.	15	sorry, your left hand, those are Ethicon meshes
16	MR. FREESE: I'm telling you he was	16	aren't they, sir?
17	instructed not to do it. You're asking him to	17	A. Well I'm not stating that this is
18	modify irrelevant exhibits and we're not going to	18	Boston Scientific or this is Ethicon. The only
19	go down that path.	19	thing that is missing one of the labels misses
20	BY MR. HUTCHINSON:	20	that it's a different manufacturer, that's it.
21	Q. Dr. Iakovlev, are you refusing to	21	Q. Doctor, let's look at what you write
22	answer the question based on counsel's advice?	22	on page 16 of the report in your left hand.
23	MR. FREESE: There's no question	23	A. Well, I told you that
24	pending. You asked him to write something or	24	MR. ANDERSON: Objection, asked and
	Page 327		Page 329
1	modify or alter an exhibit and we're refusing to	1	answered.
2	do that.	2	THE DEPONENT: one of the reports is
3	BY MR. HUTCHINSON:	3	missing that extra information. And it doesn't
4	Q. And, Dr. Iakovlev, are you following	4	matter because it does not state that this is
5	the lawyers' instructions?	5	specific manufacturer, it just demonstrates
6	MR. ANDERSON: Oh my gosh.	6	histological feature. Manufacturer doesn't
7	THE DEPONENT: Yes.	7	matter.
8	BY MR. HUTCHINSON:	8	BY MR. HUTCHINSON:
9		l .	
_	O. Thank you. And Doctor I want you	19	
10	Q. Thank you. And, Doctor, I want you to compare the picture in your Boston Scientific	9 10	Q. Dr. Iakovlev, in your report that
10 11	to compare the picture in your Boston Scientific	10	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write,
10 11 12	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report,	l .	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh."
11	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40.	10 11	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct?
11 12	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes.	10 11 12	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as
11 12 13	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the	10 11 12 13	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on
11 12 13 14	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the jury alongside the one that you did for Boston	10 11 12 13 14	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on specific manufacturer but on the histological
11 12 13 14 15	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the	10 11 12 13 14 15	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on specific manufacturer but on the histological feature maybe some labels were not expanded
11 12 13 14 15 16	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the jury alongside the one that you did for Boston Scientific? A. Yes.	10 11 12 13 14 15 16	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on specific manufacturer but on the histological feature maybe some labels were not expanded appropriately.
11 12 13 14 15 16	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the jury alongside the one that you did for Boston Scientific?	10 11 12 13 14 15 16 17	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on specific manufacturer but on the histological feature maybe some labels were not expanded appropriately. Q. And, Doctor, let's look at some more
11 12 13 14 15 16 17	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the jury alongside the one that you did for Boston Scientific? A. Yes. Q. Alongside the one that you did for Boston Scientific.	10 11 12 13 14 15 16 17	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on specific manufacturer but on the histological feature maybe some labels were not expanded appropriately. Q. And, Doctor, let's look at some more of those labels. Let's look in the Eghnayem
11 12 13 14 15 16 17 18 19	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the jury alongside the one that you did for Boston Scientific? A. Yes. Q. Alongside the one that you did for Boston Scientific. A. Yeah, they're the same images.	10 11 12 13 14 15 16 17 18	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on specific manufacturer but on the histological feature maybe some labels were not expanded appropriately. Q. And, Doctor, let's look at some more
11 12 13 14 15 16 17 18 19 20	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the jury alongside the one that you did for Boston Scientific? A. Yes. Q. Alongside the one that you did for Boston Scientific. A. Yeah, they're the same images. Q. Yeah. And, Doctor, in your right	10 11 12 13 14 15 16 17 18 19 20	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on specific manufacturer but on the histological feature maybe some labels were not expanded appropriately. Q. And, Doctor, let's look at some more of those labels. Let's look in the Eghnayem figure 23(B). A. Now I'm lost which
11 12 13 14 15 16 17 18 19 20 21	to compare the picture in your Boston Scientific report to the picture in Ms. Bellew's report, which is Exhibit number 11 on page 40. A. Yes. Q. And why don't you show it to the jury alongside the one that you did for Boston Scientific? A. Yes. Q. Alongside the one that you did for Boston Scientific. A. Yeah, they're the same images.	10 11 12 13 14 15 16 17 18 19 20 21	Q. Dr. Iakovlev, in your report that you have in your hand now, page 15, you write, "All images are of explanted Ethicon mesh." Correct? A. That's correct. I tried to do as precise as possible, but since the focus is not on specific manufacturer but on the histological feature maybe some labels were not expanded appropriately. Q. And, Doctor, let's look at some more of those labels. Let's look in the Eghnayem figure 23(B).

83 (Pages 326 to 329)

	Page 330		Page 332
1 compare it to wha	t you did in the Bellew case on	1	specific manufacturer I'm demonstrating a
2 page 67.		2	histological feature which is common for all
	RSON: Objection. Relevance and	3	polypropylene meshes, doesn't matter which
4 form.	,	4	manufacturer. Can be coming from AMS, from Boston
	NENT: 23(B). And you want me	5	Scientific, from Ethicon. All of the meshes
6 to compare which		6	degrade. They will all show the same features.
-	JTCHINSON:	7	Q. Move to strike as nonresponsive.
	(3(B) on page 51 of your	8	Doctor, let's look at 28(A) in your
9 Eghnayem report		9	Boston Scientific report and compare it to 30(A)
10 A. With?		10	in your Ethicon report. Those images are
11 O with f	igure 25(C) on page 67 of	11	identical aren't they?
12 your Bellew repor		12	A. Which ones again?
•	- sorry, page?	13	MR. ANDERSON: Objection.
-	kay, Doctor, let me do it	14	BY MR. HUTCHINSON:
	to compare figure 23(B) of your	15	Q. 28(A) in your Boston Scientific
	report to figure 25(C) of your	16	report and 30(A) in your Ethicon report.
17 Ethicon report on	-	17	MR. FREESE: Would you identify them
18 A. Yes.		18	by
19 Q. Doctor,	will you show the jury those	19	MR. HUTCHINSON: Page number?
20 two images please		20	MR. FREESE: And the party name too
	re exactly the same images.	21	please.
*	octor, in fact the one on the	22	BY MR. HUTCHINSON:
_	Scientific and the one you have	23	Q. Those images are identical aren't
-	rom Ethicon. Is that correct,	24	they, sir?
	Page 331		Page 333
1 sir?		1	MR. FREESE: Object. Until you identify
	I did not say that the sample	2	what reports in which cases and then we object to
3 is from one and	· · · · · · · · · · · · · · · · · · ·	3	the relevance.
	, Doctor, you did write that	4	BY MR. HUTCHINSON:
_	Ethicon are of Boston	5	Q. And, Dr. Iakovlev, I'm referring to
_	otherwise indicated, correct?	6	your Boston Scientific report, page 58, and your
	ERSON: Objection.	7	Ethicon report, page 74.
	ONENT: That was my intent.	8	A. Yes.
	HUTCHINSON:	9	Q. Those images are identical aren't
10 Q. Thank		10	they, sir?
-	r some labels this information	11	A. That's correct.
12 didn't enter it wa	is not entered.	12	Q. And, Doctor, if we look at the
13 Q. It was	not what?	13	images on page 59 of your Boston Scientific report
14 A. Entere	d.	14	to page 75 of your Ethicon report, those images
15 Q. Entere	d?	15	are identical aren't they, sir?
16 A. Yes.		16	A. Yeah. I'm showing the same feature.
17 Q. Entere	d by whom?	17	I'm using different manufacturers because it
18 A. By me	•	18	doesn't matter, I'm showing features not
_	t. Doctor, let's look at the	19	manufacturers.
20 next page. Page	52 of your Boston Scientific	20	Q. And, Doctor, if we look at page 60
	are it to page 68 of your Ethicon	21	of your Boston Scientific report and compare that
1	-	22	to page 76 of your Ethicon report, those images
22 report.			10 F 18 1 1 2 7 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
1	it's the test same image.	23	are identical aren't they, sir?

84 (Pages 330 to 333)

	Page 334		Page 336
1	Q. And, Doctor, if we look at page 61	1	A. But the feature is the same.
2	of your Boston Scientific report and compare it to	2	Q. And, Doctor, you've given testimony
3	page 77 of your Ethicon report those images are	3	in the White case haven't you, sir?
4	identical aren't they, sir?	4	A. Yes.
5	A. All transmission electron images are	5	Q. And I want to hand you what we'll
6	identical because I examined only five or six	6	mark as Exhibit 13 to your deposition.
7	specimens only. Only I think one or two were	7	DEFENSE EXHIBIT NO. 13: Report by
8	Ethicon and others were from other manufacturers.	8	Dr. Iakovlev titled
9	Q. Move to strike as nonresponsive.	9	"Clinico-pathological Correlation of
10	My question, sir, is that those images	10	Complications Experienced by Ms.
11	are identical aren't they?	11	Virginia White".
12	A. Yes. They show as I said, I did	12	BY MR. HUTCHINSON:
13	very little transmission electron microscopy work.	13	Q. This is your expert report that was
14	There were just few specimens. They are the same.	14	signed and dated by you, is that correct?
15	Q. And, Doctor, let's look at page 62	15	A. That's correct.
16	of your Boston Scientific report and compare it to	16	Q. And, Doctor, on page 2 at the top
17	page 78 of your Ethicon report.	17	you write in your report, "Ethicon TVT sling was
18	A. Yes.	18	placed for incontinence." Did I read that
19	Q. 62 of the Boston Scientific report	19	correctly?
20	and compare that to page 78 of your Ethicon	20	MR. ANDERSON: Objection.
21	report?	21	MR. FREESE: Hold on. Let's identify
22	A. Yes.	22	you said the White case. White versus who?
23	Q. Those images are identical aren't	23	MR. HUTCHINSON: White versus Ethicon.
24	they, sir?	24	WR. HOTCHINSON. White versus Ethicon.
	Page 335	24	Page 337
1			
1	MR. ANDERSON: Objection.	1	BY MR. HUTCHINSON:
2	MR. ANDERSON: Objection. THE DEPONENT: As I said, all	2	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2,
2	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are	2	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence."
2 3 4	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of	2 3 4	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct?
2 3 4 5	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy.	2 3 4 5	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire
2 3 4 5 6	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports.	2 3 4 5 6	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with
2 3 4 5 6 7	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON:	2 3 4 5 6 7	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as
2 3 4 5 6 7 8	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page	2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well.
2 3 4 5 6 7 8 9	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare	2 3 4 5 6 7 8	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON:
2 3 4 5 6 7 8 9	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those	2 3 4 5 6 7 8 9	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev?
2 3 4 5 6 7 8 9 10	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir?	2 3 4 5 6 7 8 9 10	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it.
2 3 4 5 6 7 8 9 10 11 12	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all	2 3 4 5 6 7 8 9 10 11	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct?
2 3 4 5 6 7 8 9 10 11 12 13	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are	2 3 4 5 6 7 8 9 10 11 12 13	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct.
2 3 4 5 6 7 8 9 10 11 12 13 14	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because,	2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody
2 3 4 5 6 7 8 9 10 11 12 13 14 15	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm	2 3 4 5 6 7 8 9 10 11 12 13 14	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm showing the features of degradation.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a clinical summary. I was copying it from medical
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm showing the features of degradation. Q. Doctor, those pictures that you're	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a clinical summary. I was copying it from medical records.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm showing the features of degradation. Q. Doctor, those pictures that you're showing us they can't be of both a Boston	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a clinical summary. I was copying it from medical records. Q. Okay. And, Doctor, Ethicon is the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm showing the features of degradation. Q. Doctor, those pictures that you're showing us they can't be of both a Boston Scientific and an Ethicon mesh at the same time	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a clinical summary. I was copying it from medical records. Q. Okay. And, Doctor, Ethicon is the only company that makes a TVT sling aren't they?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm showing the features of degradation. Q. Doctor, those pictures that you're showing us they can't be of both a Boston Scientific and an Ethicon mesh at the same time can they?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a clinical summary. I was copying it from medical records. Q. Okay. And, Doctor, Ethicon is the only company that makes a TVT sling aren't they? A. People use that term flexibly. So
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm showing the features of degradation. Q. Doctor, those pictures that you're showing us they can't be of both a Boston Scientific and an Ethicon mesh at the same time can they? MR. ANDERSON: Objection.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a clinical summary. I was copying it from medical records. Q. Okay. And, Doctor, Ethicon is the only company that makes a TVT sling aren't they? A. People use that term flexibly. So clinician just frequently say "TVT" for any sling.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm showing the features of degradation. Q. Doctor, those pictures that you're showing us they can't be of both a Boston Scientific and an Ethicon mesh at the same time can they? MR. ANDERSON: Objection. THE DEPONENT: No, of course not.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a clinical summary. I was copying it from medical records. Q. Okay. And, Doctor, Ethicon is the only company that makes a TVT sling aren't they? A. People use that term flexibly. So clinician just frequently say "TVT" for any sling. Q. Move to strike as nonresponsive.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. ANDERSON: Objection. THE DEPONENT: As I said, all transmission electron microscopy images are identical. I had very limited amount of photographs for transmission electron microscopy. They are all copied from all the same reports. BY MR. HUTCHINSON: Q. In fact, Doctor, if we look at page 63 of your Boston Scientific report and compare that to page 79 of your Ethicon report those images are identical aren't they, sir? A. Well I just told you, all transmission electron microscopy images are identical for either manufacturer. Because, again, it doesn't matter what manufacturer I'm showing the features of degradation. Q. Doctor, those pictures that you're showing us they can't be of both a Boston Scientific and an Ethicon mesh at the same time can they? MR. ANDERSON: Objection.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. HUTCHINSON: Q. Dr. Iakovlev, you write on page 2, "Ethicon TVT sling was placed for incontinence." Correct? MR. ANDERSON: Objection to the entire line of questions. It has nothing to do with Ramirez but object to that specific question as well. BY MR. HUTCHINSON: Q. Dr. Iakovlev? A. Yes, I do see it. Q. And that's what you wrote, correct? A. That's correct. Q. And you're telling everybody A. Well it's not just wrote, this is a clinical summary. I was copying it from medical records. Q. Okay. And, Doctor, Ethicon is the only company that makes a TVT sling aren't they? A. People use that term flexibly. So clinician just frequently say "TVT" for any sling.

85 (Pages 334 to 337)

	Page 338		Page 340
1	BY MR. HUTCHINSON:	1	BY MR. HUTCHINSON:
2	Q. Dr. Iakovlev, Ethicon is the only	2	Q. Dr. Iakovlev, my question to you is,
3	company that makes a brand name TVT sling,	3	this medical record for the White case that you
4	correct?	4	gave opinions against Ethicon it says,
5	A. Brand name TVT sling, yes, but the	5	"Manufacturer: Boston Scientific". Correct?
6	term is uses loosely by clinicians.	6	A. Yes, I copied it from the records.
7	Q. Okay. And, Doctor, you gave	7	Q. And, Doctor, would you show that to
8	testimony under oath that Ms. White received a TVT	8	the jury please? And right in the middle is where
9	sling didn't you, sir?	9	it says, "Manufacturer: Boston Scientific." Is
10	A. Well I copied it from the records.	10	that right?
11	Q. And, Doctor, did you ever look at	11	A. Yeah, this specific document says
12	the medical records to make sure that they were	12	Boston Scientific.
13	accurate?	13	Q. And, Doctor, you gave testimony
14	A. What do you mean? I'm copying it	14	under oath that Ms. White received a product other
15	from the records.	15	than Boston Scientific didn't you, sir?
16	Q. Doctor, I want to hand you what	16	MR. FREESE: Well she did according to
17	we'll mark as Exhibit 14 to your deposition.	17	the medical record. Why are you ignoring the top
18	DEFENSE EXHIBIT NO. 14: Medical	18	of the exhibit?
19	report from Mercy Hospital Northwest	19	BY MR. HUTCHINSON:
20	Arkansas re. Virginia White. Bates	20	Q. Dr. Iakovlev, you testified under
21	labelled WHITEV_SMAMM_MDR00027.	21	oath that Ms. White received a TVT sling didn't
22	BY MR. HUTCHINSON:	22	you, sir?
23	Q. This is the medical record for	23	A. Yes, I did.
24	Ms. White. And if you show the jury please in the	24	Q. And, Doctor, according to the
	Page 339		Page 341
1	middle of the document where we're looking at	1	medical record for Ms. White she received a
2	under the word "Implants". Would you show the	2	product manufactured by Boston Scientific didn't
3	jury that for us please?	3	she, sir?
4	A. I have to see where it is.	4	MR. FREESE: Object to the question,
5	Q. Right in the middle.	5	misstates the record. Are you just going to
6	A. Yes, I see it.	6	ignore what's right above it?
7	Q. Okay. And, Doctor, the medical	7	THE DEPONENT: No, I can see one is a
8	record for Ms. White says, "Inventory: Sling	8	Boston Scientific product, the other is an Ethicon
9	transvaginal advent fit. Implant name:	9	product.
10	Advantage. Manufacturer: Boston Scientific	10	BY MR. HUTCHINSON:
11	Corporation." Did I read that correctly?	11	Q. In fact, Doctor, the Gynemesh that's
12	A. Just let me examine the entire	12	not a sling used to treat incontinence is it, sir?
13	document.	13	MR. ANDERSON: Objection.
14	MR. FREESE: Object to the question.	14	THE DEPONENT: Well let me just read the
15	You don't have the medical records so you selected	15	whole thing again.
16	one.	16	MR. FREESE: Can we have a standing
17	BY MR. HUTCHINSON:	17	objection on anything that is White all the
1.0	Q. Your objection is noted.	18	stuff that's non-Ramirez specific we don't have
18	Q. Tour objection is noted.		-
19	MR. ANDERSON: Of course it's noted,	19	complete records. We don't
	MR. ANDERSON: Of course it's noted,	19 20	complete records. We don't MR. HUTCHINSON: You have a standing
19	· ·		MR. HUTCHINSON: You have a standing
19 20	MR. ANDERSON: Of course it's noted, she's typing it down. I would hope so.	20	=
19 20 21	MR. ANDERSON: Of course it's noted, she's typing it down. I would hope so. MR. HUTCHINSON: Your comment is noted	20 21	MR. HUTCHINSON: You have a standing objection, counsel.
19 20 21 22	MR. ANDERSON: Of course it's noted, she's typing it down. I would hope so. MR. HUTCHINSON: Your comment is noted too.	20 21 22	MR. HUTCHINSON: You have a standing objection, counsel. MR. FREESE: Thank you.

86 (Pages 338 to 341)

```
Page 342
                                                                                                     Page 344
 1
            BY MR. HUTCHINSON:
                                                           1
                                                                     BY MR. HUTCHINSON:
 2
                                                           2
                                                                     Q. Doctor, let's look at page -- it's
            Q. Dr. Iakovlev, are you still
                                                           3
 3
      reviewing that one page medical record?
                                                               actually page 6. We're under the
 4
            MR. FREESE: Objection, argumentative.
                                                           4
                                                               clinico-pathological correlation. Are you there
                                                           5
 5
            THE DEPONENT: Well, I review
                                                                with me, Dr. Iakovlev?
 6
                                                           6
      everything.
                                                                     A. You would have to give me time so I
                                                           7
 7
            BY MR. HUTCHINSON:
                                                               review the document and then I can answer your
 8
            Q. Dr. Iakovlev, are you still
                                                           8
                                                               questions.
 9
      reviewing that one page medical record?
                                                           9
                                                                     Alright. So --
10
                                                         10
            MR. ANDERSON: Objection. Ask your
                                                                     Q. Dr. Iakovlev, I'm sorry I don't have
11
      question.
                                                         11
                                                               a question pending. I'm not interrupting him but
12
                                                         12
            BY MR. HUTCHINSON:
                                                               I don't have a question pending.
13
                                                         13
                                                                     MR. FREESE: That's fine.
            Q. That's my question, are you still
                                                         14
14
      reviewing that one-page medical record?
                                                                     MR. HUTCHINSON: Well, you're looking at
15
            MR. ANDERSON: He said he's ready.
                                                         15
                                                               me that way and I was going to say --
16
            THE DEPONENT: I'm ready.
                                                         16
                                                                     MR. FREESE: No, I wasn't saying
                                                         17
17
            BY MR. HUTCHINSON:
                                                               anything. I was looking because I didn't think
                                                         18
18
                                                               there was a question pending.
            Q. Dr. Iakovlev, you testified under
19
                                                         19
                                                                     BY MR. HUTCHINSON:
      oath about the wrong product that Ms. White
20
                                                         20
                                                                     Q. Dr. Iakovlev, turn with me to page 6
      received didn't you, sir.
            MR. ANDERSON: Objection. Where's the
21
                                                         21
                                                               under "Clinico-pathological correlation". Are you
22
                                                         22
                                                               there? Dr. Iakovlev, are you there?
      testimony?
23
            BY MR. HUTCHINSON:
                                                         23
                                                                     A. Yes, I am.
24
                                                         24
                                                                     Q. And you write, first sentence:
            Q. You can answer.
                                           Page 343
                                                                                                     Page 345
 1
            A. Well, I'm copying here from the
                                                           1
                                                                        "As described in the clinical
 2
      records in the summary. It's not my testimony,
                                                           2
                                                                     records Ms. White had rectocele repair
 3
      it's not my opinion. That's something I copied
                                                           3
                                                                     with Gynemesh and TVT retropubic
 4
      from the records.
                                                           4
                                                                     suburethral sling placement for mixed
 5
                                                           5
                                                                     incontinence."
            Q. Doctor, you gave opinions in the
 6
      White case about a TVT sling, correct?
                                                           6
                                                               Did I read that correctly?
 7
            A. That's -- well, I have to read the
                                                           7
                                                                     A. That's correct.
                                                           8
 8
      whole. I don't remember the whole case. Trying
                                                                     Q. And, Doctor, this report that you
 9
                                                          9
      -- you're plucking one specific fact. I have to
                                                               have in front of you for the White case is a
                                                         10
10
      review the whole report.
                                                                report that contains opinions about Ethicon,
11
                                                         11
                                                               correct?
            MR. FREESE: Well more importantly
12
      you're referring to testimony, Chad, and you're
                                                         12
                                                                     A. That's correct.
13
      refusing to show the witness the testimony you say
                                                         13
                                                                     Q. And, Doctor, if you look at the
                                                                medical record that we've marked as Exhibit 13 --
14
      he gave.
                                                         14
15
            BY MR. HUTCHINSON:
                                                         15
                                                                14 to your deposition?
16
                                                         16
                                                                     A. Yes.
            Q. Well, let's look at page --
17
            MR. FREESE: And you hand him one page
                                                         17
                                                                     Q. You will agree that in the middle it
18
      of Ms. White's medical records.
                                                         18
                                                               says, "Manufacturer, Boston Scientific" when it
                                                         19
19
                                                               discusses the sling?
            BY MR. HUTCHINSON:
20
                                                         20
            Q. I'll tell you what, Doctor, I'll
                                                                     A. This is not correct. It says
21
                                                         21
                                                                "Gynecare Gynemesh". What I received from
      make it easy for you. Let's look at the first
      sentence --
22
                                                         22
                                                               Ms. White is posterior mesh which was Gynemesh.
23
            MR. ANDERSON: Object to the form of the
                                                         23
                                                                And I gave opinions regarding Gynemesh
                                                         24
24
      question.
                                                                manufactured by Ethicon because I received only
```

87 (Pages 342 to 345)

Page 346 Page 348 1 Ethicon product. 1 opinions in the White case that TVT was defective, Q. And, Doctor, if you would -- for the 2 2 correct? benefit of the jury I'm going to ask that you show 3 3 MR. ANDERSON: Objection. 4 THE DEPONENT: Well, I didn't use 4 5 MR. ANDERSON: No, if you want to show 5 defective, the word "defective" but it caused 6 6 the jury for something you need to bring your symptoms. 7 7 trial consultant or you bring your own thing. BY MR. HUTCHINSON: 8 You're going to stop making him walk around and 8 Q. And, Doctor, it was your opinion in 9 parade this thing like a sandwich boy. Now, if 9 the White case that the TVT product degrade, is 10 that correct? 10 you want to show him something you show it to him. 11 He's not showing you anything else. 11 A. I don't see any mentioning of TVT 12 12 MR. HUTCHINSON: He's got Exhibit 14 in regarding degradation. Let me read the whole 13 13 paragraph. front of him, counsel. 14 MR. ANDERSON: Well, he'll hand it back 14 Q. Doctor, it's on the last page. "It 15 to you. Here you go. Show whatever you want. 15 is my opinion that polypropylene of the mesh 16 MR. HUTCHINSON: No. 16 device degraded while in the body of Ms. White." 17 17 BY MR. HUTCHINSON: Did I read that correctly? 18 18 A. Well it doesn't say "TVT" anywhere. Q. Dr. Iakovlev, here is Exhibit 14. 19 19 Q. Dr. Iakovlev, did I read that MR. ANDERSON: He's not going to be a 20 poster boy no more. Don't do it. 20 correctly? 21 BY MR. HUTCHINSON: 21 A. Yes, you did. 22 22 Q. Thank you. Q. Dr. Iakovlev, would you take Exhibit 23 14 and show the jury where it says the sling that 23 A. You didn't read TVT anywhere. 24 Ms. White received was a TVT sling? 24 Q. And in fact, Doctor, you write on Page 347 Page 349 1 A. I'm not stating that I received a 1 page 9 of your report for Ms. White that she did 2 TVT sling in my White report. I received a 2 receive a TVT sling didn't you, sir? 3 posterior Gynemesh and I gave my opinions 3 A. Well, that's what I copied from the 4 regarding Gynemesh. 4 records. 5 5 Q. And, Doctor, according to the Q. And you also gave opinions regarding 6 the TVT sling for Ms. White didn't you, sir? In 6 implant record Ms. White didn't receive a TVT 7 7 fact on page 9 under "Urinary Symptoms" you write: sling did she, sir? "Clinical records indicated 8 8 MR. FREESE: Object to the form of the 9 9 worsening of urge incontinence and question. Unless you're going to state on the appearance of urinary obstruction 10 10 record and stipulate that there's no other medical 11 approximately six weeks after the 11 record in Ms. White's file that describes a TVT 12 placement of TVT sling." 12 sling -- you've taken one page out of someone's Did I read that correctly? 13 13 file and are attempting to, I suppose, represent 14 MR. FREESE: That's now the second 14 that that is the only record of the description of 15 question. You asked a question, then he didn't 15 the sling. I mean, it's totally improper. I know 16 answer it and you've asked a second question now. 16 you've given me a standing objection on it. I 17 Which one do you want him to answer? 17 think we're wasting time. I don't know how you 18 BY MR. HUTCHINSON: 18 can ever lay a foundation on this. 19 19 Q. Dr. Iakovlev, you also gave opinions MR. HUTCHINSON: Counsel, this has a 20 regarding the TVT sling for Ms. White didn't you, 20 serial number for the implant. Your objection is 21 21 noted. Just make your objection, we'll move on. 22 A. Yes. Regarding urinary symptoms I 22 BY MR. HUTCHINSON: 23 gave opinions. Again --23 Q. Dr. Iakovlev, on Exhibit 14 this 24 Q. And in fact, Doctor, you gave 24 lists the two implants that Ms. White received by

88 (Pages 346 to 349)

	Page 350		Page 352
1	serial number, correct?	1	A. Yes.
2	A. That's correct.	2	Q. You have a figure set 8(E) at the
3	Q. And, Dr. Iakovlev, did Ms. White	3	bottom, do you see that?
4	received a TVT product with a specific serial	4	A. I do.
5	number, yes or no?	5	Q. And I'm going to ask, Doctor, if
6	A. Well all of them have specific	6	you'll you use your black pen to circle that
7	numbers.	7	photograph, or those two photographs at the bottom
8	Q. Move to strike as nonresponsive.	8	please on page 60 of your Wave 1 report.
9	MR. ANDERSON: He answered your	9	A. So which ones?
10	question.	10	Q. The two photographs at the bottom on
11	BY MR. HUTCHINSON:	11	page 60 of your Wave 1 report. And, Doctor, you
12	Q. My question, sir, did Ms. White	12	labelled those photographs as "bladder muscles",
13	receive a TVT product with an Ethicon serial	13	correct?
14	number, yes or no?	14	A. Well, let's
15	A. I cannot tell you. I wasn't	15	Q. Well
16	handling the product. I was not inserting them.	16	A. You're stopping me. The photographs
17	Q. Doctor, if you look at page 14?	17	relate to specific portion of the report which is
18	A. But it's one page and	18	on a different page.
19	Q. I understand that, but my question	19	Q. And, Doctor, my question to you is,
20	is if you look at Exhibit 14 can you tell us, do	20	for the photographs that you've circled on page 60
21	you have Exhibit 14 in front of you, sir?	21	you write at the bottom, "Involvement of the
22	A. Yes, it's in front of me.	22	detrusor (bladder) muscle by the mesh, smooth
23	Q. Is it far enough away where you can	23	muscle." Did I read that correctly, sir?
24	read it?	24	A. Yes. You read it correctly but you
	Page 351		Page 353
1	A. Well I know what it says.	1	omitted that these all photographs they belong to
2	Q. Doctor, according to Exhibit 14 did	2	
3			a specific section of the report, and that section
			a specific section of the report, and that section is in front and I can guide you to that
	Ms. White receive a TVT product with an Ethicon	3	is in front and I can guide you to that.
4	Ms. White receive a TVT product with an Ethicon serial number, yes or no?	3 4	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is
	Ms. White receive a TVT product with an Ethicon	3	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it?
4 5	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name.	3 4 5	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is
4 5 6 7	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand	3 4 5 6 7	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle.
4 5 6	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you	3 4 5 6	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph?
4 5 6 7 8	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition.	3 4 5 6 7 8	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine
4 5 6 7 8 9	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert	3 4 5 6 7 8 9	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in
4 5 6 7 8 9	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon,	3 4 5 6 7 8 9	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine
4 5 6 7 8 9 10	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert	3 4 5 6 7 8 9 10	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum.
4 5 6 7 8 9 10 11	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products	3 4 5 6 7 8 9 10 11	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on
4 5 6 7 8 9 10 11 12 13	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all	3 4 5 6 7 8 9 10 11 12 13	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum.
4 5 6 7 8 9 10 11 12 13	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all Wave 1 Cases.	3 4 5 6 7 8 9 10 11 12 13	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on the bottom of page 60 you don't describe these as
4 5 6 7 8 9 10 11 12 13 14	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all Wave 1 Cases. BY MR. HUTCHINSON:	3 4 5 6 7 8 9 10 11 12 13 14	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on the bottom of page 60 you don't describe these as rectum muscles do you?
4 5 6 7 8 9 10 11 12 13 14 15	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all Wave 1 Cases. BY MR. HUTCHINSON: Q. In fact this is a report that you	3 4 5 6 7 8 9 10 11 12 13 14 15	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on the bottom of page 60 you don't describe these as rectum muscles do you? A. I describe them on a different page
4 5 6 7 8 9 10 11 12 13 14 15 16	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all Wave 1 Cases. BY MR. HUTCHINSON: Q. In fact this is a report that you prepared against Ethicon as early as January of	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on the bottom of page 60 you don't describe these as rectum muscles do you? A. I describe them on a different page of this report. Q. Move to strike as nonresponsive.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all Wave 1 Cases. BY MR. HUTCHINSON: Q. In fact this is a report that you prepared against Ethicon as early as January of this year, is that correct?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on the bottom of page 60 you don't describe these as rectum muscles do you? A. I describe them on a different page of this report.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all Wave 1 Cases. BY MR. HUTCHINSON: Q. In fact this is a report that you prepared against Ethicon as early as January of this year, is that correct? A. That's correct.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on the bottom of page 60 you don't describe these as rectum muscles do you? A. I describe them on a different page of this report. Q. Move to strike as nonresponsive. MR. ANDERSON: You may not like his
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all Wave 1 Cases. BY MR. HUTCHINSON: Q. In fact this is a report that you prepared against Ethicon as early as January of this year, is that correct? A. That's correct. Q. And this is a report that's signed	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on the bottom of page 60 you don't describe these as rectum muscles do you? A. I describe them on a different page of this report. Q. Move to strike as nonresponsive. MR. ANDERSON: You may not like his answer but it's a responsive answer.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Ms. White receive a TVT product with an Ethicon serial number, yes or no? A. On that page there is no mentioning of TV Ethicon TVT brand name. Q. Thank you. Doctor, I want to hand you what's been marked as Exhibit 15 to you deposition. DEFENSE EXHIBIT NO. 15: Expert report of Dr. Iakovlev In Re. Ethicon, Inc., Pelvic Repair System Products Liability Litigation relating to all Wave 1 Cases. BY MR. HUTCHINSON: Q. In fact this is a report that you prepared against Ethicon as early as January of this year, is that correct? A. That's correct. Q. And this is a report that's signed and dated by you. Is that correct, sir?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	is in front and I can guide you to that. Q. Well one of my questions, Doctor, is that is of the bladder muscle isn't it? A. The top photograph? Yes, it is bladder muscle. Q. What about the bottom photograph? A. All these photographs they combine both bladder and the rectum. And the section in the front clearly describes either bladder or rectum. Q. And, Doctor, on the photographs on the bottom of page 60 you don't describe these as rectum muscles do you? A. I describe them on a different page of this report. Q. Move to strike as nonresponsive. MR. ANDERSON: You may not like his answer but it's a responsive answer. BY MR. HUTCHINSON:

89 (Pages 350 to 353)

	Page 354		Page 356
1	A. I describe them on a different page	1	it.
2	of this report.	2	MR. HUTCHINSON: I am going to get an
3	Q. In fact, Doctor, if we look at page	3	answer to the question and the witness may not
4	61 of that report, the very next page, you talk	4	want to do it and that's fine.
5	about or you show two pictures and label those	5	MR. FREESE: Hold on a sec. You're not
6	bladder muscles too, don't you?	6	asking a question he's refusing to answer, you're
7	A. Again, all these pictures they	7	asking him to do physical become a
8	represent either bladder or the rectum. And it	8	demonstrative aid for you. That's not his
9	clearly it is clearly described in the report	9	function here. He's here to answer questions
10	in appropriate section of this report.	10	about his opinions. If you want the jury to see
11	Q. Where does it say "rectum" on these	11	something you are perfectly welcome to hold it up
12	pictures that you have in front of you on page 60	12	in front of the camera and show it to them.
13	and 61?	13	MR. ANDERSON: You're not going to
14	A. I keep telling you it's in a	14	disrespect this expert by having him sit there
15	different page of the report.	15	holding up your stuff and then yelling at him.
16	Q. Doctor, this photograph on strike	16	Not going to have it. We're done with it.
17	that.	17	BY MR. HUTCHINSON:
18	Doctor, looking on page 60 of the	18	Q. Doctor, you've held up a lot of
19	photograph you've circled?	19	exhibits for the plaintiff lawyers haven't you,
20	A. Yes.	20	sir?
21	Q. Would you show those to the jury	21	MR. ANDERSON: We've done that. We're
22	please?	22	not doing it any more.
23	MR. ANDERSON: No. You can show them to	23	MR. HUTCHINSON: No, I'm asking him
24	the jury if you want to. Here you go.	24	MR. ANDERSON: No, no
	Page 355		Page 357
1	MR. HUTCHINSON: Counsel, we're going to	1	MR. HUTCHINSON: I'm getting an answer
2	be here all day long but I'm not going to stand in	2	to the question.
3	front of the jury and show them the pictures.	3	BY MR. HUTCHINSON:
4	MR. ANDERSON: You're not going to make	4	Q. Dr. Iakovlev, you've held up
5	him do it. You bring them to trial and do it	5	exhibits for the plaintiff lawyers haven't you.
6	yourself then.	6	* * * * * * * * * * * * * * * * * * * *
7	•		MR. FREESE: A piece of wood, the same
	BY MR. HUTCHINSON:	7	*
8		7 8	piece of wood you asked him to hold.
8 9	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please?		piece of wood you asked him to hold. THE DEPONENT: I think I was holding
	Q. Dr. Iakovlev, I've handed you what	8	piece of wood you asked him to hold.
9	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes.	8 9	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON:
9 10	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please?	8 9 10	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else.
9 10 11	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please?A. Yes.Q. Dr. Iakovlev, my question is this,	8 9 10 11	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor
9 10 11 12	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on	8 9 10 11 12	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask
9 10 11 12 13	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16?	8 9 10 11 12 13	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition.
9 10 11 12 13 14	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16? MR. ANDERSON: No, you can put your	8 9 10 11 12 13 14	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition. BY MR. HUTCHINSON:
9 10 11 12 13 14 15	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16? MR. ANDERSON: No, you can put your camera on it. He's not going to do this any more.	8 9 10 11 12 13 14 15	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition. BY MR. HUTCHINSON: Q would you agree to show the jury
9 10 11 12 13 14 15	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16? MR. ANDERSON: No, you can put your camera on it. He's not going to do this any more. MR. FREESE: Why are we arguing about	8 9 10 11 12 13 14 15	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition. BY MR. HUTCHINSON: Q would you agree to show the jury the photographs on page 60?
9 10 11 12 13 14 15 16	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16? MR. ANDERSON: No, you can put your camera on it. He's not going to do this any more. MR. FREESE: Why are we arguing about this? Chad, just hold it up yourself. The	8 9 10 11 12 13 14 15 16 17	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition. BY MR. HUTCHINSON: Q would you agree to show the jury the photographs on page 60? MR. FREESE: No, he won't. You can show
9 10 11 12 13 14 15 16 17	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16? MR. ANDERSON: No, you can put your camera on it. He's not going to do this any more. MR. FREESE: Why are we arguing about this? Chad, just hold it up yourself. The camera's right next to you. Nobody's objecting if	8 9 10 11 12 13 14 15 16 17	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition. BY MR. HUTCHINSON: Q would you agree to show the jury the photographs on page 60? MR. FREESE: No, he won't. You can show the jury the photographs if you like.
9 10 11 12 13 14 15 16 17 18	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16? MR. ANDERSON: No, you can put your camera on it. He's not going to do this any more. MR. FREESE: Why are we arguing about this? Chad, just hold it up yourself. The camera's right next to you. Nobody's objecting if you want to hold it up.	8 9 10 11 12 13 14 15 16 17 18	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition. BY MR. HUTCHINSON: Q would you agree to show the jury the photographs on page 60? MR. FREESE: No, he won't. You can show the jury the photographs if you like. BY MR. HUTCHINSON:
9 10 11 12 13 14 15 16 17 18	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16? MR. ANDERSON: No, you can put your camera on it. He's not going to do this any more. MR. FREESE: Why are we arguing about this? Chad, just hold it up yourself. The camera's right next to you. Nobody's objecting if you want to hold it up. MR. HUTCHINSON: I'm entitled to an	8 9 10 11 12 13 14 15 16 17 18 19 20	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition. BY MR. HUTCHINSON: Q would you agree to show the jury the photographs on page 60? MR. FREESE: No, he won't. You can show the jury the photographs if you like. BY MR. HUTCHINSON: Q. Would you agree to do that?
9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Dr. Iakovlev, I've handed you what is Exhibit 15. Would you take it please? A. Yes. Q. Dr. Iakovlev, my question is this, will you agree to show the jury the photographs on page 16? MR. ANDERSON: No, you can put your camera on it. He's not going to do this any more. MR. FREESE: Why are we arguing about this? Chad, just hold it up yourself. The camera's right next to you. Nobody's objecting if you want to hold it up. MR. HUTCHINSON: I'm entitled to an answer from the witness.	8 9 10 11 12 13 14 15 16 17 18 19 20 21	piece of wood you asked him to hold. THE DEPONENT: I think I was holding only piece of wood, nothing else. BY MR. HUTCHINSON: Q. And, Doctor MR. ANDERSON: Why don't you just ask him a question and move on with the deposition. BY MR. HUTCHINSON: Q would you agree to show the jury the photographs on page 60? MR. FREESE: No, he won't. You can show the jury the photographs if you like. BY MR. HUTCHINSON: Q. Would you agree to do that? MR. FREESE: No. I'm instructing him

90 (Pages 354 to 357)

	Page 358		Page 360
1	He's here to answer questions about his opinion in	1	your expert consulting work of those related to
2	Ramirez. We don't need to go through these	2	women who have been injured by mesh?
3	gymnastics, Chad. If you want the jury to see the	3	MR. HUTCHINSON: Objection to form,
4	picture hold it up. Hire an IT guy to put it up	4	foundation.
5	on the screen.	5	THE DEPONENT: Yes.
6	MR. ANDERSON: I think J&J can probably	6	BY MR. ANDERSON:
7	afford it, huh? We let you use our guy. Why	7	Q. And are you asked to relate your
8	didn't you bring something to show through there?	8	pathological findings to complications that women
9	We're not going to do your work for you. Are you	9	who've been injured by AMS products, Bard
10	going to ask the question or not?	10	products, Boston Scientific, Ethicon products, is
11	MR. FREESE: Really, we're just wasting	11	that correct?
12	time. Let's not argue about it. If you want to	12	MR. HUTCHINSON: Objection, foundation.
13	hold something up hold it up but he's not your	13	THE DEPONENT: That's correct.
14	demonstrative aid.	14	BY MR. ANDERSON:
15	MR. HUTCHINSON: My question is which	15	Q. And are these related to cases that
16	one of you all are defending this deposition?	16	are pending all across the United States?
17	MR. FREESE: Both of us are.	17	A. Yes, that's correct.
18	MR. ANDERSON: Are you going to ask your	18	Q. And is this all involving
19	questions or not? This is ridiculous.	19	transvaginal polypropylene meshes?
20	BY MR. HUTCHINSON:	20	A. Yes.
21	Q. Dr. Iakovlev, on page 60 of your	21	Q. Like the TVT-O?
22	report, are any of the photographs you show on	22	A. Like the TVT-O.
23	page 60 of your report labelled as rectal muscles?	23	Q. And are all the meshes that you've
24	Yes or no?	24	looked at still on the market?
			To show at 50m on the manner.
	Dage 359		Dage 361
1	Page 359	1	Page 361
1	A. As I said, the description of these	1	A. No, some of them were so bad that
2	A. As I said, the description of these pictures is on a different page of this report.	2	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant.
2	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break.	2	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued
2 3 4	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record	2 3 4	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production.
2 3 4 5	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m.	2 3 4 5	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy.
2 3 4 5 6	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken.	2 3 4 5 6	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON:
2 3 4 5 6 7	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at	2 3 4 5 6 7	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases
2 3 4 5 6 7 8	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m.	2 3 4 5 6 7 8	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your
2 3 4 5 6 7 8	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON:	2 3 4 5 6 7 8	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the
2 3 4 5 6 7 8 9	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions.	2 3 4 5 6 7 8 9	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the
2 3 4 5 6 7 8 9 10	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you.	2 3 4 5 6 7 8 9 10	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature?
2 3 4 5 6 7 8 9 10 11	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON	2 3 4 5 6 7 8 9 10 11	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The	2 3 4 5 6 7 8 9 10 11 :12	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications
2 3 4 5 6 7 8 9 10 11 12 13 14	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have	2 3 4 5 6 7 8 9 10 11 :12	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding
2 3 4 5 6 7 8 9 10 11 12 13 14	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases	2 3 4 5 6 7 8 9 10 11 :12 13 14	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases against the mesh manufacturers AMS, Bard, Boston	2 3 4 5 6 7 8 9 10 11 :12 13 14 15 16	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from all different manufacturers in those scientific
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases against the mesh manufacturers AMS, Bard, Boston Scientific and Ethicon. Do you remember that?	2 3 4 5 6 7 8 9 10 11 :12 13 14 15 16	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from all different manufacturers in those scientific studies?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases against the mesh manufacturers AMS, Bard, Boston Scientific and Ethicon. Do you remember that? A. Yes, I do.	2 3 4 5 6 7 8 9 10 11 :12 13 14 15 16 17 18	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from all different manufacturers in those scientific studies? A. Yes, I do. When I show a
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases against the mesh manufacturers AMS, Bard, Boston Scientific and Ethicon. Do you remember that? A. Yes, I do. Q. And for those cases that you've	2 3 4 5 6 7 8 9 10 11 :12 13 14 15 16 17 18	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from all different manufacturers in those scientific studies? A. Yes, I do. When I show a histological feature I include all manufacturers.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases against the mesh manufacturers AMS, Bard, Boston Scientific and Ethicon. Do you remember that? A. Yes, I do. Q. And for those cases that you've reviewed estimate how many pages of medical	2 3 4 5 6 7 8 9 10 11 :12 13 14 15 16 17 18 19 20	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from all different manufacturers in those scientific studies? A. Yes, I do. When I show a histological feature I include all manufacturers. I mean, the features are the same across these
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases against the mesh manufacturers AMS, Bard, Boston Scientific and Ethicon. Do you remember that? A. Yes, I do. Q. And for those cases that you've reviewed estimate how many pages of medical records of the patients that you have reviewed in	2 3 4 5 6 7 8 9 10 11 :12 13 14 15 16 17 18 19 20 21	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from all different manufacturers in those scientific studies? A. Yes, I do. When I show a histological feature I include all manufacturers. I mean, the features are the same across these manufacturers.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases against the mesh manufacturers AMS, Bard, Boston Scientific and Ethicon. Do you remember that? A. Yes, I do. Q. And for those cases that you've reviewed estimate how many pages of medical records of the patients that you have reviewed in all those cases?	2 3 4 5 6 7 8 9 10 11 :12 13 14 15 16 17 18 19 20 21 22	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from all different manufacturers in those scientific studies? A. Yes, I do. When I show a histological feature I include all manufacturers. I mean, the features are the same across these manufacturers. Q. From a pathological standpoint?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. As I said, the description of these pictures is on a different page of this report. Q. We'll take a quick break. THE VIDEOGRAPHER: Going off the record at 5:17 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:29 p.m. BY MR. HUTCHINSON: Q. Dr. Iakovlev, no further questions. A. Thank you. RE-DIRECT EXAMINATION BY MR. ANDERSON Q. Good afternoon, Dr. Iakovlev. The attorney for the defendants asked you if you have been retained as an expert consultant in cases against the mesh manufacturers AMS, Bard, Boston Scientific and Ethicon. Do you remember that? A. Yes, I do. Q. And for those cases that you've reviewed estimate how many pages of medical records of the patients that you have reviewed in	2 3 4 5 6 7 8 9 10 11 :12 13 14 15 16 17 18 19 20 21	A. No, some of them were so bad that MR. HUTCHINSON: Objection, irrelevant. THE DEPONENT: they discontinued their production. MR. HUTCHINSON: Objection, relevancy. BY MR. ANDERSON: Q. Is your work in those cases something that has formed, in addition to your background, training, and experience, formed the basis for you to be able to do your work in the scientific literature? A. Yes. Q. And with regard to your publications in the scientific literature regarding transvaginal meshes, do you include images from all different manufacturers in those scientific studies? A. Yes, I do. When I show a histological feature I include all manufacturers. I mean, the features are the same across these manufacturers.

91 (Pages 358 to 361)

Page 362 Page 364 1 literature in this case that we discussed quite a 1 MR. HUTCHINSON: Move to strike as 2 2 bit in your direct examination, have you seen nonresponsive. BY MR. ANDERSON: 3 where other scientists, including pathologists, 3 4 have included features of mesh from different 4 Q. When you have prepared reports in 5 manufactures in their scientific work? 5 these cases where women have been injured by 6 6 A. That's correct. Sometimes they various mesh manufacturers have you prepared 7 7 don't even know who the manufacturer is. And general reports as well as case-specific reports? MR. HUTCHINSON: Objection, relevance. 8 polypropylene mesh they describe the mesh but 8 9 manufacturer isn't known. 9 THE DEPONENT: Yes, I did. 10 10 O. Do you find that uncommon or BY MR. ANDERSON: 11 11 inappropriate to include features of different Q. And in the general portion of those 12 12 mesh manufacturers in a body of mesh research in reports are those the one that counsel went to 13 order to try to relate pathological findings to 13 great lengths to show you one after another after 14 clinical complications? 14 another at the end of your cross-examination? 15 MR. HUTCHINSON: Objection foundation. 15 A. Yes. 16 Counsel, you're talking about mesh from other 16 Q. And in those general reports, like 17 17 manufacturers that he used? your scientific literature, do you include futures 18 MR. FREESE: Yeah, something like you 18 from all different mesh manufacturers that you see 19 19 in pathological findings? did in the last hour. 20 20 MR. ANDERSON: Yeah, something like A. Yes, always. 21 that. 21 Q. And do you find anything 22 22 BY MR. ANDERSON: inappropriate or uncommon about showing 23 Q. Go ahead and answer it please. 23 pathological changes across all different types of 24 A. Yes. I think it is appropriate just 24 mesh manufacturers in your general reports that Page 363 Page 365 1 1 to see the range of changes and see if there is you prepared in this litigation? 2 any change, any difference. In fact most of the 2 MR. HUTCHINSON: Objection, foundation. 3 3 time I cannot even tell what is manufacturer. THE DEPONENT: No, it's not 4 Looking at the histological slides they all look 4 inappropriate. Sometimes it's even my purpose 5 the same. The only difference is some of them 5 just to show the similarities, how similar they have blue fibres and some of them have only clear 6 6 are under the microscope. 7 7 fibers. BY MR. ANDERSON: 8 8 Q. Counsel was asking you questions Q. So for all those reports he kept 9 9 about the testimony against these mesh showing you one after another and showing this 10 10 manufacturers, approximately how many women does image versus that image, was it your intent to 11 that represent that you have -- that have made 11 present pathological findings across the mesh 12 claims for injuries regarding mesh that you have 12 manufacturers? 13 performed expert consulting work for? 13 MR. HUTCHINSON: Objection, foundation. 14 MR. HUTCHINSON: Objection, foundation. THE DEPONENT: Yes, it was. My intent 14 15 BY MR. ANDERSON: 15 was to show features and they were similar between 16 Q. How many are we talking about, 16 manufacturers because the designs are similar. 17 doctor? 17 BY MR. ANDERSON: 18 A. Thousands. 18 Q. Of the polypropylene meshes? 19 19 MR. HUTCHINSON: Same objection, A. The polypropylene meshes and 20 20 transvaginal devices made out of polypropylene foundation. 21 21 THE DEPONENT: Tens of thousands of meshes. 22 22 women were injured. And as I said, some of the Q. One of the things counsel showed you 23 devices have been taken off the market because of 23 was -- I don't know, Exhibit 12 or something. But 24 24 high complication rate. he was showing you this bark implying that there

92 (Pages 362 to 365)

	Page 366		Page 368
1	was something inappropriate about putting in	1	MR. ANDERSON: I already have and I will
2	broken bark from one manufacturer to another. Do	2	again.
3	you see that page?	3	MR. HUTCHINSON: Don't raise
4	MR. HUTCHINSON: Objection.	4	MR. ANDERSON: You do not talk about
5	THE DEPONENT: Yes, I do.	5	sloppy about this gentleman, you understand?
6	MR. HUTCHINSON: Objection, form.	6	MR. HUTCHINSON: Don't raise your voice
7	BY MR. ANDERSON:	7	at me.
8	Q. What's it say in the description of	8	MR. ANDERSON: You will treat him with
9	that?	9	respect.
10	A. "Blue granules in a bark separated	10	MR. HUTCHINSON: I'm treating him with
11	from the core. Transvaginal mesh of another	11	respect.
12	manufacturer."	12	MR. ANDERSON: You talk about sloppy,
13	Q. Thank you. When you were shown the	13	talk about your client who's sloppy.
14	information on the Virginia White case, do you	14	MR. HUTCHINSON: You treat everybody
15	remember that?	15	else here with respect, counsel. Don't you raise
16	A. Yes.	16	your voice at me.
17	Q. Does Virginia White's case have	17	MR. ANDERSON: I already have and I will
18	anything to do with Ms. Ramirez?	18	again if you keep talking about my witness like
19	MR. HUTCHINSON: Counsel, I'm just going	19	that.
20	to object to the extent that we've admitted that	20	MR. HUTCHINSON: I'm not talking about
21	exhibit for the limited purpose of attacking his	21	your witness.
22	credibility, and that does not make the entire	22	MR. ANDERSON: How about your sloppy
23	Virginia White case relevant.	23	manufacturer?
24	MR. FREESE: Well we'll see about that.	24	MR. HUTCHINSON: I'm not talking about
			8
	Page 367		Page 369
1	Page 367	1	Page 369
1 2	I mean my response to that, Chad, is, you know,	1 2	your witness.
2	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow	2	your witness. MR. FREESE: Just object to the form and
2	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because	2	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're
2 3 4	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something	2 3 4	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and
2 3 4 5	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a	2 3 4 5	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question.
2 3 4 5 6	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has	2 3 4 5 6	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my
2 3 4 5 6 7	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then	2 3 4 5 6 7	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you.
2 3 4 5 6 7 8	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said	2 3 4 5 6 7 8	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON:
2 3 4 5 6 7 8	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into	2 3 4 5 6 7 8	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different
2 3 4 5 6 7 8 9	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence.	2 3 4 5 6 7 8 9	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez?
2 3 4 5 6 7 8 9 10	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But,	2 3 4 5 6 7 8 9 10	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is.
2 3 4 5 6 7 8 9 10 11	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy	2 3 4 5 6 7 8 9 10 11	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different
2 3 4 5 6 7 8 9 10 11 12 13	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it	2 3 4 5 6 7 8 9 10 11 12 13	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court?
2 3 4 5 6 7 8 9 10 11 12 13 14	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his	2 3 4 5 6 7 8 9 10 11	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility.	2 3 4 5 6 7 8 9 10 11 12 13 14	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's
2 3 4 5 6 7 8 9 10 11 12 13 14	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility. MR. ANDERSON: I take great exception	2 3 4 5 6 7 8 9 10 11 12 13 14	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's MR. HUTCHINSON: Can we have a standing
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility. MR. ANDERSON: I take great exception MR. HUTCHINSON: So note my objection.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's MR. HUTCHINSON: Can we have a standing objection to relevance.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility. MR. ANDERSON: I take great exception MR. HUTCHINSON: So note my objection. MR. ANDERSON: No, no, no. No. You	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's MR. HUTCHINSON: Can we have a standing objection to relevance. MR. ANDERSON: You can have a standing
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility. MR. ANDERSON: I take great exception MR. HUTCHINSON: So note my objection. MR. ANDERSON: No, no, no. No. You keep your personal attacks to yourself.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's MR. HUTCHINSON: Can we have a standing objection to relevance. MR. ANDERSON: You can have a standing objection to everything you want.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility. MR. ANDERSON: I take great exception MR. HUTCHINSON: So note my objection. MR. ANDERSON: No, no, no. No. You keep your personal attacks to yourself. MR. HUTCHINSON: Hey	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's MR. HUTCHINSON: Can we have a standing objection to relevance. MR. ANDERSON: You can have a standing objection to everything you want. MR. FREESE: Absolutely. You can have a
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility. MR. ANDERSON: I take great exception MR. HUTCHINSON: So note my objection. MR. ANDERSON: No, no, no. No. You keep your personal attacks to yourself. MR. HUTCHINSON: Hey MR. ANDERSON: You want to talk about	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's MR. HUTCHINSON: Can we have a standing objection to relevance. MR. ANDERSON: You can have a standing objection to everything you want. MR. FREESE: Absolutely. You can have a standing objection on relevancy.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility. MR. ANDERSON: I take great exception MR. HUTCHINSON: So note my objection. MR. ANDERSON: No, no, no. No. You keep your personal attacks to yourself. MR. HUTCHINSON: Hey MR. ANDERSON: You want to talk about sloppy?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's MR. HUTCHINSON: Can we have a standing objection to relevance. MR. ANDERSON: You can have a standing objection to everything you want. MR. FREESE: Absolutely. You can have a standing objection on relevancy. MR. HUTCHINSON: Well, what I mean
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	I mean my response to that, Chad, is, you know, there's a reason the rules of evidence don't allow for impeachment on collateral matters, because then you get off into a mini-trial on something else. You deliberately brought one page of a medical record of a file that I'm certain has hundreds of pages of medical records and then tried to imply or not imply, basically said that he mistranscribed that medical record into his report. So you have put that into evidence. MR. HUTCHINSON: Fair enough. But, counsel, we're simply showing his sloppy methodology. You know it's sloppy and we put it in for the limited purpose of attacking his credibility. MR. ANDERSON: I take great exception MR. HUTCHINSON: So note my objection. MR. ANDERSON: No, no, no. No. You keep your personal attacks to yourself. MR. HUTCHINSON: Hey MR. ANDERSON: You want to talk about	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	your witness. MR. FREESE: Just object to the form and let us ask you introduced this, Chad. We're going to do a redirect on what you introduced and you can object to the form of the question. MR. HUTCHINSON: I've already lodged my objection, counsel. Thank you. BY MR. ANDERSON: Q. Doctor, is Ms. White a different plaintiff than Ms. Ramirez? A. Yes, she is. Q. Is her case pending in a different court? A. Yes, it is. Q. How many page of Ms. White's MR. HUTCHINSON: Can we have a standing objection to relevance. MR. ANDERSON: You can have a standing objection to everything you want. MR. FREESE: Absolutely. You can have a standing objection on relevancy.

93 (Pages 366 to 369)

	Page 370		Page 372
1 at	ttacking his credibility.	1	Q. From all those reports that counsel
2	MR. ANDERSON: Or trying to attack it.	2	kept showing you one after another were there any
3	MR. FREESE: You can have it.	3	mixed up samples in any of that?
4	BY MR. ANDERSON:	4	A. No.
5	Q. How many pages of Ms. White's	5	Q. When you prepare a medical
	nedical record did the defense lawyer show you?	6	chronology in your case-specific reports are you
7	A. Nothing, just one page.	7	simply transferring the patient's medical records
8	Q. How many medical records were in	8	and what her doctors have said into your own
	As. White's	9	chronology?
10	A. Sometimes there are thousands of	10	A. Yes.
	ages.	11	Q. When you're doing your research or
12	Q. Did counsel in fairness provide you	12	you're preparing the general portion of your
	with those medical records to take a look at?	13	reports do you even care which mesh manufacturer
13 W	A. No, he didn't.	14	it is when you're trying to show the pathological
15	Q. Did he he kept saying that you	15	findings and the tissue changes that can relate in
	ave opinion in this case, did he offer up your	16	a woman's tissue to mesh?
	estimony for you to take a look at?	17	A. No.
18	A. No, he didn't.	18	Q. Why is that?
19	Q. Doctor, he was during this part	19	A. Because, as I said, they all behave
	f your questioning he was asked (sic) whether or	20	the same way. TVT slings and tapes are identical.
	ot TVT is made by Ethicon, do you recall that?	21	The only difference is AMS was making them out of
22	A. Yes, I do.	22	all clear fiber, Boston Scientific and Ethicon
23	Q. In your review of the thousands of	23	slings are indistinguishable under microscope. I
_	ages of medical records across all mesh	24	wouldn't be able to tell you which one is which.
2 1 p		24	·
-	Page 371		Page 373
	nanufacturers, have you noted that TVT can be used	1	Q. The defendant for J&J the defense
	nterchangeably from one mesh manufacturer to	1 2	account of the I believe of cost in this war out
		2	counsel for J&J pointed out in this report,
	nother.	3	Exhibit 15, rectal muscle and bladder muscle. Do
4	MR. HUTCHINSON: Objection, leading.	3 4	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you?
4 5	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him.	3 4 5	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do.
4 5 6 W	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer	3 4 5 6	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you
4 5 6 W 7 w	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians.	3 4 5 6 7	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"?
4 5 6 W 7 w 8 It	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians. The means just a sling.	3 4 5 6 7 8	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes.
4 5 6 W 7 w 8 It	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON:	3 4 5 6 7 8 9	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera?
4 5 6 W 7 w 8 It 9	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for?	3 4 5 6 7 8 9	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do.
4 5 6 W 7 w 8 It 9 10 11	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape.	3 4 5 6 7 8 9 10	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on
4 5 6 W 7 w 8 It 9 10 11 12	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a	3 4 5 6 7 8 9 10 11	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17?
4 5 6 W 7 w 8 It 9 10 11 12 13 B	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a doston Scientific transvaginal tape?	3 4 5 6 7 8 9 10 11 12 13	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes.
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians. It means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a doston Scientific transvaginal tape? A. Well, she was implanted with some	3 4 5 6 7 8 9 10 11 12 13	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer as that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a soston Scientific transvaginal tape? A. Well, she was implanted with some upper of transvaginal tape.	3 4 5 6 7 8 9 10 11 12 13 14	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty 16	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer was that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a soston Scientific transvaginal tape? A. Well, she was implanted with some type of transvaginal tape. Q. And was it retropubic?	3 4 5 6 7 8 9 10 11 12 13 14 15	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your report that that all related to?
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty 16 17	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer as that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a doston Scientific transvaginal tape? A. Well, she was implanted with some type of transvaginal tape. Q. And was it retropubic? A. Apparently it was retropubic, but I	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your report that that all related to? A. Yes.
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty 16 17 18 w	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer as that TVT is a loose term used by clinicians. It means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a doston Scientific transvaginal tape? A. Well, she was implanted with some type of transvaginal tape. Q. And was it retropubic? A. Apparently it was retropubic, but I would have to go through the records again to tell	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your report that that all related to? A. Yes. Q. Did counsel give you an opportunity
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty 16 17 18 w 19 y 6	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer as that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a soston Scientific transvaginal tape? A. Well, she was implanted with some type of transvaginal tape. Q. And was it retropubic? A. Apparently it was retropubic, but I would have to go through the records again to tell ou exactly.	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your report that that all related to? A. Yes. Q. Did counsel give you an opportunity to point that out to the jury?
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty 16 17 18 w 19 20	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer as that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a doston Scientific transvaginal tape? A. Well, she was implanted with some type of transvaginal tape. Q. And was it retropubic? A. Apparently it was retropubic, but I would have to go through the records again to tell ou exactly. Q. And did counsel allow you an	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your report that that all related to? A. Yes. Q. Did counsel give you an opportunity to point that out to the jury? A. No. After my repeated requests he
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty 16 17 18 w 19 y 20 21 op	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer as that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a doston Scientific transvaginal tape? A. Well, she was implanted with some type of transvaginal tape. Q. And was it retropubic? A. Apparently it was retropubic, but I would have to go through the records again to tell ou exactly. Q. And did counsel allow you an apportunity to look through and see where the list	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your report that that all related to? A. Yes. Q. Did counsel give you an opportunity to point that out to the jury? A. No. After my repeated requests he didn't give me that opportunity.
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty 16 17 18 w 19 y 20 21 op 22	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer as that TVT is a loose term used by clinicians. It means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a doston Scientific transvaginal tape? A. Well, she was implanted with some type of transvaginal tape. Q. And was it retropubic? A. Apparently it was retropubic, but I would have to go through the records again to tell ou exactly. Q. And did counsel allow you an apportunity to look through and see where the list the "Ethicon TVT retropubic" was in her	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your report that that all related to? A. Yes. Q. Did counsel give you an opportunity to point that out to the jury? A. No. After my repeated requests he didn't give me that opportunity. Q. I'll give you that opportunity now.
4 5 6 W 7 w 8 It 9 10 11 12 13 B 14 15 ty 16 17 18 w 19 y 20 21 op 22	MR. HUTCHINSON: Objection, leading. THE DEPONENT: That's what I told him. When I was answering his questions my first answer as that TVT is a loose term used by clinicians. The means just a sling. BY MR. ANDERSON: Q. What does "TVT" stand for? A. Transvaginal tape. Q. And was Ms. White implanted with a doston Scientific transvaginal tape? A. Well, she was implanted with some type of transvaginal tape. Q. And was it retropubic? A. Apparently it was retropubic, but I would have to go through the records again to tell ou exactly. Q. And did counsel allow you an apportunity to look through and see where the list	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Exhibit 15, rectal muscle and bladder muscle. Do you have that in front of you? A. Yes, I do. Q. And do you see on page 58 where you have listed there "rectal muscle"? A. Yes. Q. And 59, "bladder muscle" et cetera? A. Yes, I do. Q. If you turn back to your report on page 17? A. Yes. Q. Do you recall during your testimony you kept saying that there was a part of your report that that all related to? A. Yes. Q. Did counsel give you an opportunity to point that out to the jury? A. No. After my repeated requests he didn't give me that opportunity.

94 (Pages 370 to 373)

	Page 374		Page 376
1	you referred to it in your report?	1	pathological findings and to be able to express
2	A. All those images were provided to	2	your opinions that you've given here today?
3	support one paragraph on page 17 which has heading	3	MR. HUTCHINSON: Objection leading, also
4	"Involvement of Smooth Muscle of the Vaginal Wall,	4	form.
5	Urinary Bladder, Urethra and Rectum". And then	5	THE DEPONENT: No. None of that is
6	the description is:	6	taught in pathology residency, and we're using
7	"In explanting transvaginal mesh	7	completely different tools and I'm trained in
8	devices the smooth muscle of the pelvic	8	completely different methods. None of the
9	organs can become affected by the mesh.	9	pathologists have expertise in any of those
10	Microphotographs in figure set 8 are	10	techniques.
11	representative of the presence of	11	MR. HUTCHINSON: Objection. Move to
12	smooth muscle in explanted mesh	12	strike as nonresponsive.
13	devices."	13	BY MR. ANDERSON:
14	And then all of those images they all	14	Q. Do pathologists typically have an
15	show the same feature, presence of smooth muscle	15	expertise or experience in molecular weight, FTIR,
16	within the mesh. Doesn't matter which organ.	16	
		17	tensile strength, bench-top testing, elongation or
17	Q. Okay. Let's shift gears for a	1	toughness testing?
18	minute. During cross-exam counsel emphatically	18	A. I think none of the pathologists
19	asked you things that you don't do. You don't	19	anywhere in the world have knowledge of all those
20	implant mesh, right?	20	techniques.
21	A. Yes.	21	Q. And do pathologists around the
22	Q. You don't explant mesh?	22	world, when they are looking at explanted meshes,
23	A. Yes.	23	need FTIR, or tensile strength, or molecular
24	Q. You're not an astronaut are you?	24	weight testing in order to arrive at
	Daga 27E	1	
	Page 375		Page 377
1	A. No.	1	Page 377 clinico-pathological correlations?
1 2		1 2	
	A. No.	1	clinico-pathological correlations?
2	A. No. MR. HUTCHINSON: Objection,	2	clinico-pathological correlations? A. No, they don't.
2	A. No. MR. HUTCHINSON: Objection, argumentative.	2	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to
2 3 4	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that	2 3 4	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections,
2 3 4 5	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you	2 3 4 5	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing
2 3 4 5 6	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it?	2 3 4 5 6	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall
2 3 4 5 6 7	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No.	2 3 4 5 6 7	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning?
2 3 4 5 6 7 8	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON:	2 3 4 5 6 7 8	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound.
2 3 4 5 6 7 8 9	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev,	2 3 4 5 6 7 8	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation.
2 3 4 5 6 7 8 9	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology?	2 3 4 5 6 7 8 9	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON:
2 3 4 5 6 7 8 9 10	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No.	2 3 4 5 6 7 8 9 10	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor.
2 3 4 5 6 7 8 9 10 11 12 13	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look	2 3 4 5 6 7 8 9 10 11 12	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do.
2 3 4 5 6 7 8 9 10 11 12 13 14	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology?	2 3 4 5 6 7 8 9 10 11	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not.	2 3 4 5 6 7 8 9 10 11 12 13 14	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not. Q. So within different fields are there	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or 2015 explants vaginal infections?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not. Q. So within different fields are there different tools for each specialty to be able to	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or 2015 explants vaginal infections? A. No.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not. Q. So within different fields are there different tools for each specialty to be able to examine patients and to be able to examine samples	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or 2015 explants vaginal infections? A. No. Q. Did any of the doctors who explanted
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not. Q. So within different fields are there different tools for each specialty to be able to examine patients and to be able to examine samples that come from patients?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or 2015 explants vaginal infections? A. No. Q. Did any of the doctors who explanted her TVF Ethicon mesh in 2010 or 2015 list
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not. Q. So within different fields are there different tools for each specialty to be able to examine patients and to be able to examine samples that come from patients? A. That's correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or 2015 explants vaginal infections? A. No. Q. Did any of the doctors who explanted her TVF Ethicon mesh in 2010 or 2015 list pre-existing dyspareunia as the reason for it?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not. Q. So within different fields are there different tools for each specialty to be able to examine patients and to be able to examine samples that come from patients? A. That's correct. Q. So despite the fact that you don't	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or 2015 explants vaginal infections? A. No. Q. Did any of the doctors who explanted her TVF Ethicon mesh in 2010 or 2015 list pre-existing dyspareunia as the reason for it? A. No.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not. Q. So within different fields are there different tools for each specialty to be able to examine patients and to be able to examine samples that come from patients? A. That's correct. Q. So despite the fact that you don't do this long list, FTIR, SEM, tensile strength,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or 2015 explants vaginal infections? A. No. Q. Did any of the doctors who explanted her TVF Ethicon mesh in 2010 or 2015 list pre-existing dyspareunia as the reason for it? A. No. Q. Did any of them list the Essure
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. No. MR. HUTCHINSON: Objection, argumentative. Counsel, counsel, withdraw that question, please. Counsel, Ben, would you withdraw the question please? It's argumentative. Will you withdraw it? MR. ANDERSON: No. BY MR. ANDERSON: Q. Let me ask you this, Dr. Iakovlev, do urogynecologist typically look at pathology? A. No. Q. Do polymer scientists typically look at pathology? A. I hope not. Q. So within different fields are there different tools for each specialty to be able to examine patients and to be able to examine samples that come from patients? A. That's correct. Q. So despite the fact that you don't	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	clinico-pathological correlations? A. No, they don't. Q. Counsel asked you questions as to whether or not you ruled out vaginal infections, pre-existing pelvic pain, pre-existing dyspareunia, some metal in the Essure device, and other exams that Ms. Ramirez had. Do you recall that part of your questioning? MR. HUTCHINSON: Objection, compound. Also object to form and foundation. BY MR. ANDERSON: Q. Whatever. Go ahead, Doctor. A. I do. Q. Did any of the doctors for Ms. Ramirez list as the reason for her 2010 or 2015 explants vaginal infections? A. No. Q. Did any of the doctors who explanted her TVF Ethicon mesh in 2010 or 2015 list pre-existing dyspareunia as the reason for it? A. No.

95 (Pages 374 to 377)

Page 378 Page 380 1 sling in 2010 or 2015? 1 to the explants from Ms. Ramirez's body? 2 A. No, they explanted TVT sling. 2 A. No. I could see these nerves even 3 Q. Do you need to know the name of the 3 on H&E. I didn't even need to do S100. 4 4 doctor who explanted the TVT-O device, or who MR. HUTCHINSON: Move to strike as 5 implanted the TVT-O device, in order to arrive at 5 nonresponsive. 6 6 pathological conclusions and to give the jury BY MR. ANDERSON: 7 7 opinions on what you see on the microscopic Q. Did you need to see this -- explain 8 slides? 8 what you mean by the last statement. 9 A. No, I don't need it. 9 MR. HUTCHINSON: Also object to the 10 10 Q. Do you need to know the name of your form. 11 technician in your path lab who may have processed 11 THE DEPONENT: I can see the nerves in 12 the slides in order to offer opinions as an expert 12 H&E stain. And S100 was done more for 13 in the field of pathology for the jury here today? 13 demonstration, for other people to be able to see 14 them easier, for those who are not pathologists. A. No, I don't need it. 14 15 Q. Can you put up Exhibit 4(C)? 15 BY MR. ANDERSON: 16 Doctor, showing you the -- Doctor, redirecting you 16 O. Is the lack of dead tissue or 17 17 back to the part of your testimony where you were necrosis significant to your opinions at all in 18 talking about Ms. Ramirez's slides here, and the 18 this case? 19 19 S100 staining on the left showing the nerve A. No, I don't think I barely ever 20 entrapment and the scarring on the right. Do you 20 describe necrosis in mesh specimens. 21 recall that part of your testimony? 21 Q. Do you need a neuroma in a pathology 22 22 A. I do. slide in order to diagnose whether an entrapped 23 Q. Do you need to count the nerve 23 nerve can cause pain? 24 density in order to make the opinions that you do 24 A. No. I mean, I know that it can Page 379 Page 381 1 regarding entrapped nerves causing pain and scar 1 happen. And we can see nerves here right there on 2 tissue leading to pain? 2 the screen. 3 3 MR. HUTCHINSON: Objection, foundation. Q. Counsel went to great lengths to 4 THE DEPONENT: No, I don't need and I 4 talk about formalin, alcohol, xylene, he said 5 told it to the defense counsel. 5 toluene, it's toluene. Do you remember the 6 6 MR. HUTCHINSON: Move to strike as questions about that? 7 7 A. Yes, I do. unresponsive. 8 8 BY MR. ANDERSON: MR. HUTCHINSON: Objection, 9 9 Q. Do you need to consult with a argumentative. Counsel, did you hear my 10 10 neuropathologist or any of her treating -- Ms. objection? 11 Ramirez's treating doctors in order to make a 11 MR. ANDERSON: What did you say? 12 determination and have an opinions regarding those 12 MR. HUTCHINSON: I said objection, argumentative. 13 slides? 13 BY MR. ANDERSON: 14 A. No. I don't need to consult 14 15 neuropathologist -- and I don't think that 15 Q. That's fine. 16 neuropathologist would argue that they're not 16 In terms of counsel's questions 17 17 nerves. They are nerves. regarding the process of slides, he listed 18 MR. HUTCHINSON: Move to strike as 18 formalin, alcohol, xylene and toluene as things 19 19 that are treated -- as chemicals that are used to nonresponsive. 20 20 BY MR. ANDERSON: treat specimens in order to put them on the 21 Q. Do you need, what did defense 21 slides. Do you recall that? 22 counsel say? Nociceptors and PGP9.5 in order to 22 A. I do. 23 be able to make the opinions you do about the 23 Q. Is that process of using formalin, 24 24 images that the jury is seeing there with regard alcohol, xylene and toluene used every day

96 (Pages 378 to 381)

	Page 382		Page 384
1	around the world to process pathological slides?	1	Q. And he said they don't list
2	A. Yes. And it is the same process and	2	degradation do they? Do you remember that?
3	it's been used for decades, for a hundred years.	3	A. Yes, I do.
4	Q. And over those hundred years, or	4	Q. Do you know if the pathologist was
5	actually let's just take the last 30, has any	5	asked to determine whether or not there was
6	scientific literature, or have you noticed from	6	degradation?
7	your own examination of explants that alcohol,	7	MR. HUTCHINSON: Objection, foundation,
8	xylene, toluene, or any other treatment of the	8	also calls for speculation.
9	sample before it's put on the slide, has any	9	THE DEPONENT: What I see what I saw
10	effect in causing you to be able to whether you	10	in the report the only question he was asked to
11	can render opinions as to whether or not the mesh	11	confirm if there is mesh or not.
12	has certain tissue reaction in the woman's tissue?	12	BY MR. ANDERSON:
13	MR. HUTCHINSON: Objection, foundation.	13	Q. Did counsel provide you with any
14	THE DEPONENT: It was a long question.	14	evidence that there was any question by the
15	Can you repeat it?	15	surgeon asking the pathologist there to tell him
16	MR. HUTCHINSON: Ben, can you rephrase	16	whether or not there was degradation of the mesh?
17	that question for us please.	17	Did he provide you any evidence of that?
18	MR. ANDERSON: I'm going to.	18	A. No.
19	BY MR. ANDERSON:	19	Q. Did he provide you any evidence that
20	Q. In the hundreds of slides strike	20	the surgeon asked the pathologist to tell him
21	that.	21	whether or not there was bridging fibrosis or scar
22	In the hundreds of explants that you've	22	plating?
23	examined for purposes of your scientific work, and	23	A. No.
24	in the context of litigation, has the use of the	24	MR. HUTCHINSON: I'm sorry, our iPad has
			· · · · · · · · · · · · · · · · · · ·
	Page 383		Page 385
1		1	
1 2	standards of formalin, alcohol, xylene or	1 2	stopped.
2	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer	1	stopped. THE VIDEOGRAPHER: Going off the record
2	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis	2	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m.
2 3 4	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides?	2 3 4	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken.
2	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation.	2 3 4 5	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at
2 3 4 5	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a	2 3 4	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m.
2 3 4 5 6 7	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the	2 3 4 5 6	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON:
2 3 4 5 6	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it.	2 3 4 5 6 7	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence
2 3 4 5 6 7 8	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON:	2 3 4 5 6 7 8	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest
2 3 4 5 6 7 8	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it.	2 3 4 5 6 7 8	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence
2 3 4 5 6 7 8 9	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the	2 3 4 5 6 7 8 9	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that
2 3 4 5 6 7 8 9 10	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of	2 3 4 5 6 7 8 9 10	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report?
2 3 4 5 6 7 8 9 10 11	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or	2 3 4 5 6 7 8 9 10 11	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No.
2 3 4 5 6 7 8 9 10 11 12 13	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to	2 3 4 5 6 7 8 9 10 11 12	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any
2 3 4 5 6 7 8 9 10 11 12 13 14	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to analyze explanted pathological tissue?	2 3 4 5 6 7 8 9 10 11 12 13 14	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any evidence as to whether or not the pathologist at
2 3 4 5 6 7 8 9 10 11 12 13 14	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to analyze explanted pathological tissue? A. No.	2 3 4 5 6 7 8 9 10 11 12 13 14	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any evidence as to whether or not the pathologist at UT Southwestern is even aware of the pathological
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to analyze explanted pathological tissue? A. No. Q. I mean, that's the only way to do it	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any evidence as to whether or not the pathologist at UT Southwestern is even aware of the pathological change in the tissue related to mesh that can lead
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to analyze explanted pathological tissue? A. No. Q. I mean, that's the only way to do it to use all those chemicals.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any evidence as to whether or not the pathologist at UT Southwestern is even aware of the pathological change in the tissue related to mesh that can lead to degradation, fibrotic bridging or scar plating?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to analyze explanted pathological tissue? A. No. Q. I mean, that's the only way to do it to use all those chemicals. MR. HUTCHINSON: Move to strike as	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any evidence as to whether or not the pathologist at UT Southwestern is even aware of the pathological change in the tissue related to mesh that can lead to degradation, fibrotic bridging or scar plating? Did he provide you any evidence of that?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to analyze explanted pathological tissue? A. No. Q. I mean, that's the only way to do it to use all those chemicals. MR. HUTCHINSON: Move to strike as nonresponsive.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any evidence as to whether or not the pathologist at UT Southwestern is even aware of the pathological change in the tissue related to mesh that can lead to degradation, fibrotic bridging or scar plating? Did he provide you any evidence of that? A. No.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to analyze explanted pathological tissue? A. No. Q. I mean, that's the only way to do it to use all those chemicals. MR. HUTCHINSON: Move to strike as nonresponsive. BY MR. ANDERSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any evidence as to whether or not the pathologist at UT Southwestern is even aware of the pathological change in the tissue related to mesh that can lead to degradation, fibrotic bridging or scar plating? Did he provide you any evidence of that? A. No. Q. Do we have any idea what the level
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	standards of formalin, alcohol, xylene or toluene ever impacted your ability to offer opinions and to do a pathological analysis regarding what you see in the slides? MR. HUTCHINSON: Objection, foundation. THE DEPONENT: No. As I said, it's a standard technique used in all labs around the world in North America. That's how we do it. BY MR. ANDERSON: Q. Have you ever seen any of the scientific literature regarding the analysis of explanted meshes that formalin, alcohol, xylene or toluene have impacted a pathologist's ability to analyze explanted pathological tissue? A. No. Q. I mean, that's the only way to do it to use all those chemicals. MR. HUTCHINSON: Move to strike as nonresponsive. BY MR. ANDERSON: Q. You were shown the pathology report	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	stopped. THE VIDEOGRAPHER: Going off the record at 5:52 p.m. Break taken. THE VIDEOGRAPHER: Back on the record at 5:53 p.m. BY MR. ANDERSON: Q. Did counsel provide you any evidence that the surgeon at University of Texas Southwest Hospital asked for any information other than that which was given in his pathology report? A. No. Q. Did counsel provide you with any evidence as to whether or not the pathologist at UT Southwestern is even aware of the pathological change in the tissue related to mesh that can lead to degradation, fibrotic bridging or scar plating? Did he provide you any evidence of that? A. No. Q. Do we have any idea what the level of knowledge or the scientific background is of

97 (Pages 382 to 385)

Page 386 Page 388 MR. HUTCHINSON: Ben, I'm going to 1 1 not their experts in litigation but by their 2 object to your last question as pure speculation. 2 scientists, indicating they had trouble 3 3 MR. ANDERSON: I wish you would. determining whether or not there was in vivo 4 MR. HUTCHINSON: Thank you. 4 degradation of their Prolene sutures because they 5 5 MR. ANDERSON: Sure. couldn't dye it properly or stain it properly? 6 6 BY MR. ANDERSON: MR. HUTCHINSON: Objection, 7 7 Q. Counsel asked you a long series of argumentative. 8 questions about negatively charged ions, 8 BY MR. ANDERSON: 9 positively charged ions, hydrostatic, soluble and 9 Q. Seen any reports by them? all things like that. Do you remember that part 10 10 MR. HUTCHINSON: Same objection. 11 of your question? 11 THE DEPONENT: No. They used phloxine 12 12 A. I do. and it readily stained the degraded layer. 13 Q. Are any of those features important 13 BY MR. ANDERSON: or significant to you as a pathologist in being 14 14 Q. I'm going to direct your attention 15 able to stain mesh explants, and to offer opinions 15 back to Exhibit 20, which was your publication, 16 regarding what those tissue changes are on the 16 Degradation of Polypropylene In Vivo. Do you 17 17 microscopic slide? remember counsel asked you some questions about 18 18 MR. HUTCHINSON: Objection, compound that? 19 19 A. Yes, I do. question. 20 THE DEPONENT: No, doesn't matter how it 20 Q. Do you remember out of these 1, 2, 21 stains. The fact that it stains it allows me to 21 3, 4, oh, 12 or 15 page report remember him 22 see it under microscope that's what's important. 22 pulling out two sentence for you to look at? 23 Exact mechanism doesn't matter. And for many dyes 23 A. I do. 24 24 we don't even know exact mechanism. Q. And let's look at the two sentences. Page 389 Page 387 Under the abstract, "The fundamental question as 1 BY MR. ANDERSON: 1 2 Q. How many different types of dyes or 2 to whether polypropylene degrades in vivo is still 3 3 staining have been used between you, other debated." Do you remember that? 4 pathological researchers, as well as Ethicon's own 4 A. I do. 5 internal pathologists in order to look at bark --5 Q. And then, "The causes and mechanisms 6 or in order to determine whether or not -- let me 6 of complications associated with the mesh remain 7 7 incompletely understood." Do you see that? ask a better question. 8 8 How many different types of staining A. Yes, I do. 9 9 have been used between yourself and the Q. What did that mean in the context of 10 10 researchers at Ethicon, based upon the internal your study? 11 studies that you saw with regard to being able to 11 A. It means that although there were 12 stain explanted mesh in order to see if there was 12 studies showing it there were attempts to 13 in vivo degradation? 13 discredit those studies. 14 A. At least six. 14 Q. Okay. 15 15 A. And I used different method to show Q. What are those different six stains? 16 A. Hematoxylin eosin stains it, red 16 again the same feature, but using histological 17 counterstain for von Kossa stains it, trichromes, 17 methods, which shows some other features of 18 both masson trichrome and other trichromes stain 18 degradation which were not shown before, but they 19 19 it, counterstain for immunostains stain it, show exactly is the same mechanism in the hope 20 20 phloxine stains it and stained it when they used that finally, after this, maybe everybody will 21 21 in Ethicon, and I'm sure that any other stain will agree that it does degrade. I mean there will be 22 22 stain in. no further attempts to dispute those findings. 23 Q. Have you been shown by counsel any 23 Q. And if in fact there is a debate do 24 24 internal Ethicon documents by their scientists, you recall the slides that we put up with all of

98 (Pages 386 to 389)

	Page 390		Page 392
1	the various authors, and I showed you all of the	1	tissue reaction." Do you recall that?
2	various scientific literature regarding	2	A. I do.
3	polypropylene degradation. Do you recall that?	3	Q. This article was written in 1998?
4	A. I do.	4	A. Yes.
5	MR. HUTCHINSON: Objection. Foundation.	5	Q. Had transvaginal meshes even gone on
6	BY MR. ANDERSON:	6	the market by 1998?
7	Q. Any question in your mind that there	7	A. No, I don't think so.
8	was any debate by those scientists as to whether	8	Q. And has the marketing and sales of
9	or not polypropylene degrades in the body?	9	transvaginal meshes been from 1998 to the present?
10	A. No.	10	A. Yes.
11	MR. HUTCHINSON: Objection, also	11	Q. Okay.
12	speculation.	12	A. Within that timeframe.
13	BY MR. ANDERSON:	13	Q. And have based upon your review
14	Q. Go ahead.	14	of the literature have you noted whether or not
15	A. It was mostly from a small group of	15	complications have been reported or not reported
16	people who were questioning the findings, but I	16	over those last 18 years?
17	did not see actually studies by them showing that	17	A. They have been reported over those
18	it is not degraded polypropylene. The only thing	18	years.
19	they did they questioned the results of those	19	Q. And what was the conclusion on page
20	studies but they never proved that it's not	20	205 from the study? Let me take you down under
21	polypropylene.	21	the last part of that paragraph. Beginning with
22	Q. And was this Exhibit 20 actually a	22	the word "visual evidence" what does that say?
23	study rather than just a criticism of other	23	A. "Visual evidence of surface
24	people's studies?	24	degradation was observed after one and
			degradation was observed after one and
	Page 391		Page 393
1	Page 391	1	Page 393
1	A. Yes, it is study.	1	two years for the polypropylene but not
2	A. Yes, it is study.Q. And what were the results of this	2	two years for the polypropylene but not the PVDF sutures. This stress cracking
2 3	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes	2	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated
2 3 4	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients?	2 3 4	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of
2 3 4 5	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183	2 3 4 5	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments."
2 3 4 5 6	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in	2 3 4 5 6	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean
2 3 4 5 6 7	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation	2 3 4 5 6 7	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms?
2 3 4 5 6 7 8	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time,	2 3 4 5 6 7 8	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade,
2 3 4 5 6 7 8 9	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable	2 3 4 5 6 7 8	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade.
2 3 4 5 6 7 8 9	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body	2 3 4 5 6 7 8 9	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert
2 3 4 5 6 7 8 9 10	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible.	2 3 4 5 6 7 8 9 10	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions
2 3 4 5 6 7 8 9 10 11	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8,	2 3 4 5 6 7 8 9 10 11	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that?
2 3 4 5 6 7 8 9 10 11 12 13	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article.	2 3 4 5 6 7 8 9 10 11 12 13	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me,
2 3 4 5 6 7 8 9 10 11 12 13 14	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of	2 3 4 5 6 7 8 9 10 11 12 13 14	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of this study regarding the degradation of Prolene	2 3 4 5 6 7 8 9 10 11 12 13 14 15	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did. BY MR. ANDERSON:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of this study regarding the degradation of Prolene sutures. Do you recall that?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did. BY MR. ANDERSON: Q. In your questioning you did.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of this study regarding the degradation of Prolene sutures. Do you recall that? MR. HUTCHINSON: Objection,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did. BY MR. ANDERSON: Q. In your questioning you did. A. Yes, I remember that.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of this study regarding the degradation of Prolene sutures. Do you recall that? MR. HUTCHINSON: Objection, argumentative.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did. BY MR. ANDERSON: Q. In your questioning you did. A. Yes, I remember that. Q. Just turn back to page 950 where
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of this study regarding the degradation of Prolene sutures. Do you recall that? MR. HUTCHINSON: Objection, argumentative. THE DEPONENT: I do.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did. BY MR. ANDERSON: Q. In your questioning you did. A. Yes, I remember that. Q. Just turn back to page 950 where counsel was pointing out some of the conclusions.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of this study regarding the degradation of Prolene sutures. Do you recall that? MR. HUTCHINSON: Objection, argumentative. THE DEPONENT: I do. BY MR. ANDERSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did. BY MR. ANDERSON: Q. In your questioning you did. A. Yes, I remember that. Q. Just turn back to page 950 where counsel was pointing out some of the conclusions. You see that?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of this study regarding the degradation of Prolene sutures. Do you recall that? MR. HUTCHINSON: Objection, argumentative. THE DEPONENT: I do. BY MR. ANDERSON: Q. And that one sentence on that first	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did. BY MR. ANDERSON: Q. In your questioning you did. A. Yes, I remember that. Q. Just turn back to page 950 where counsel was pointing out some of the conclusions. You see that? A. Yes, I do.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Yes, it is study. Q. And what were the results of this study regarding in vivo degradation of meshes explanted from patients? A. This study was based on 183 specimens, as I remember. And it showed that in all except one or two I believe the degradation bark was detectable by histology. The only time, or in one or two sample it was not detectable because the explants were taken out of the body too early. The bark was too thin to be visible. Q. Counsel also showed you Exhibit 8, that's the Celine Mary article. A. Yes. Q. And he pulled one sentence out of this study regarding the degradation of Prolene sutures. Do you recall that? MR. HUTCHINSON: Objection, argumentative. THE DEPONENT: I do. BY MR. ANDERSON:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	two years for the polypropylene but not the PVDF sutures. This stress cracking phenomenon is believed to be associated with distinct, two-phase structure of oriented polypropylene monofilaments." Q. So what does that collusion mean to in laypeople's terms? A. It means that polypropylene degrade, PVDF didn't degrade. Q. Counsel also pointed out the Leibert article from 1976 and asked you some questions about that. Do you recall that? MR. HUTCHINSON: Excuse me, mischaracterized the testimony. Counsel, I didn't point that article out you did. BY MR. ANDERSON: Q. In your questioning you did. A. Yes, I remember that. Q. Just turn back to page 950 where counsel was pointing out some of the conclusions. You see that?

99 (Pages 390 to 393)

	Page 394		Page 396
1	Q. Do you see that?	1	Q. How often do pathologists examine
2	A. Yes, I do.	2	patients in a clinical setting when they are
3	Q. Where it says that the filaments	3	looking at their pathology in order to determine
4	were analyzed 30 days after implant and up to 150	4	what the tissue reactions may be in her body?
5	days? Do you see that?	5	A. Very rarely. Almost never.
6	A. I do.	6	Q. Counsel showed you some comics or
7	Q. So between a month and five months.	7	animations, graphics of a pelvis and wanted you
8	Do you see that?	8	point out for the jury where Ms. Ramirez had pain.
9	MR. HUTCHINSON: Objection, leading.	9	Do you remember that?
10	MR. ANDERSON: I'm directing him to a	10	MR. HUTCHINSON: Objection,
11	part of the literature. Cheese and crow.	11	argumentative.
12	BY MR. ANDERSON:	12	THE DEPONENT: I do.
13	Q. Do you see that?	13	BY MR. ANDERSON:
14	A. Yes, I do.	14	Q. In forming your opinions as to
15	Q. What was degradation strike that.	15	whether or not the pathological changes in
16	Based upon the research that you've done	16	Ms. Ramirez's tissue correlated to the symptoms of
17	in your analysis of over 300 explanted meshes,	17	pain in her records, did you rely on animations or
18	when does degradation become visible after it's	18	did you rely on something else?
19		19	• •
20	been explanted implanted the human body?		A. Well, I relied on real clinical
	MR. HUTCHINSON: Objection, foundation.	20	history, real records and real specimen.
21	THE DEPONENT: About a year.	21	Q. Did you feel the need to go to
22	BY MR. ANDERSON:	22	Google and look up any animations of the human
23	Q. And this study didn't go out to a	23	pelvis?
24	year did it?	24	A. No.
	Page 395		Page 397
1	A. No, it didn't.	1	MR. HUTCHINSON: Objection,
2	Q. It didn't go beyond five months did	2	argumentative.
3	it?	3	BY MR. ANDERSON:
4	MR. HUTCHINSON: Objection, leading.	4	Q. Did you need to know where the pain
5	BY MR. ANDERSON:	5	was in her vagina in order to come to the opinions
6	Q. Did it go beyond five months?	6	and conclusions that you've offered in this case?
7	A. No, it didn't.	7	A. No, not exactly because it was
8	Q. Doctor, you were asked a number of	8	clinical part, clinical differential diagnosis.
9	questions by defense counsel as to whether or not	9	They found where the pain is, they excised the
10	you've ever met Ms. Ramirez. Do you remember	10	sling. That was their decision after examination
11	that?	11	of the patient.
12	A. I do.	12	Q. Okay. And I'm glad you brought that
13	Q. How often do pathologists ever meet	13	up. We showed the jury earlier your diagram where
14	the patients for the pathological specimens that	14	you had the the urethra and the sling was
15	they're looking at?	15	underneath it, do you recall that?
16	A. Practically never, I mean unless	16	A. I do.
		17	Q. And what was the purpose of showing
17	it's an autopsy case.	/	Q. This what was the purpose of showing
17	it's an autopsy case. Q. How many pathological specimens do	18	
18	Q. How many pathological specimens do		that to the jury?
18 19	Q. How many pathological specimens do you analyze on an annual basis?	18 19	that to the jury? A. Just to show the relationship where
18 19 20	Q. How many pathological specimens do you analyze on an annual basis? A. Sometimes up to 5,000.	18 19 20	that to the jury? A. Just to show the relationship where the sling is and where the urethra is.
18 19 20 21	Q. How many pathological specimens do you analyze on an annual basis?A. Sometimes up to 5,000.Q. Five thousand. Would you be able to	18 19 20 21	that to the jury? A. Just to show the relationship where the sling is and where the urethra is. Q. Okay. In the 1983 and 1984 internal
18 19 20 21 22	Q. How many pathological specimens do you analyze on an annual basis? A. Sometimes up to 5,000. Q. Five thousand. Would you be able to review five thousand of those if you had to meet	18 19 20 21 22	that to the jury? A. Just to show the relationship where the sling is and where the urethra is. Q. Okay. In the 1983 and 1984 internal Ethicon Microcrack Prolene Committee studies that
18 19 20 21	Q. How many pathological specimens do you analyze on an annual basis?A. Sometimes up to 5,000.Q. Five thousand. Would you be able to	18 19 20 21	that to the jury? A. Just to show the relationship where the sling is and where the urethra is. Q. Okay. In the 1983 and 1984 internal

100 (Pages 394 to 397)

	Page 398		Page 400
1	A. It's distracting.	1	Q. And on figure 21 what does that say
2	Q. Did you hear my question?	2	under the figure there?
3	A. Can you repeat it, because it's	3	A. Examples of foreign body
4	distracting when you flip the page	4	inflammatory reaction.
5	Q. Can you read it back please?	5	Q. Did you state in this report that
6	THE COURT REPORTER: In the 1983 and	6	that was Ms. Ramirez?
7	1984 internal Ethicon Microcrack polypropylene	7	A. No.
8	committee studies that you looked at, are the	8	Q. Look at page 22. Did you state
9	cracks that were exhibited in those images caused	9	anywhere on here that this was from Ms. Ramirez's
10	by the drying?	10	body?
11	THE DEPONENT: No.	11	A. No, I didn't.
12	BY MR. ANDERSON:	12	Q. And why not?
13	Q. Okay, explain.	13	A. Because it's a general part. I
14	A. It was easier to see in the dry	14	compile it from different patients from different
15	fiber because when it was wet water would be	15	manufacturers to show histological features. This
16	filling the cracks and it would be harder to see	16	is not the case specific part.
17	it. But their final conclusion was that it's not	17	Q. Okay. And in the general report on
18	the drying which is causing the cracks.	18	page 23 did you indicate that any of those images
19	Q. Can you pull out Exhibit 1 please.	19	were from Ms. Ramirez?
20	That would be your general and case-specific	20	A. No.
21	report for the case that we're actually here for	21	Q. And page 24, what does it say under
22	today, Ms. Ramirez.	22	the figure there?
23	A. Yes.	23	A. "Example of scar encapsulation".
24	Q. Did counsel for Ethicon show you a	24	Q. Did you state that that was
	Page 399		Page 401
1	single slide in the Ramirez report that changes	1	Ms. Ramirez's sample?
2	your opinions in any way?	2	A. No.
3	A. No.	3	Q. Is it accurate that these are
4	Q. Was every slide that was labelled	4	examples of scar encapsulation?
5	JR(1) through (19) in the Ramirez report actual	5	A. Yes, it is accurate.
6	tissue and mesh samples explanted from	6	Q. And on 25 is it accurate this is an
7	Ms. Ramirez?	7	example of scar ingrowth?
8	A. Yes.	8	A. Yes, it is.
9	Q. Did counsel show you a single slide	9	Q. And did you state on here that this
	in Ms. Ramirez's report that was explanted from a	10	
10	in Ms. Namicz s report that was explanted from a	1 T U	was Ms. Ramirez's in any way?
	<u>.</u>	1	was Ms. Ramirez's in any way? A. No.
10 11 12	woman other than Ms. Ramirez? A. No.	11 12	A. No.
11	woman other than Ms. Ramirez? A. No.	11	A. No.Q. On page 26 where it's showing nerve
11 12	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide	11 12	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were
11 12 13	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled?	11 12 13 14	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's?
11 12 13 14	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled? A. No.	11 12 13 14 15	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's? A. No, I did not state.
11 12 13 14 15	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled? A. No. Q. In the general report did you state	11 12 13 14 15 16	 A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's? A. No, I did not state. Q. And is this an accurate depiction of
11 12 13 14 15 16 17	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled? A. No. Q. In the general report did you state that any of those slides were Ms. Ramirez's?	11 12 13 14 15 16 17	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's? A. No, I did not state. Q. And is this an accurate depiction of nerves embedded in scar tissue?
11 12 13 14 15 16 17	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled? A. No. Q. In the general report did you state that any of those slides were Ms. Ramirez's? A. No.	11 12 13 14 15 16 17 18	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's? A. No, I did not state. Q. And is this an accurate depiction of nerves embedded in scar tissue? A. It is.
11 12 13 14 15 16 17 18	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled? A. No. Q. In the general report did you state that any of those slides were Ms. Ramirez's? A. No. Q. Let's go to page 20 in the general	11 12 13 14 15 16 17 18	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's? A. No, I did not state. Q. And is this an accurate depiction of nerves embedded in scar tissue? A. It is. Q. And on page 27 did you state
11 12 13 14 15 16 17	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled? A. No. Q. In the general report did you state that any of those slides were Ms. Ramirez's? A. No. Q. Let's go to page 20 in the general report. On page 20?	11 12 13 14 15 16 17 18 19 20	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's? A. No, I did not state. Q. And is this an accurate depiction of nerves embedded in scar tissue? A. It is. Q. And on page 27 did you state anywhere here that this was Ms. Ramirez's?
11 12 13 14 15 16 17 18 19 20 21	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled? A. No. Q. In the general report did you state that any of those slides were Ms. Ramirez's? A. No. Q. Let's go to page 20 in the general report. On page 20? A. Yes.	11 12 13 14 15 16 17 18 19 20 21	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's? A. No, I did not state. Q. And is this an accurate depiction of nerves embedded in scar tissue? A. It is. Q. And on page 27 did you state anywhere here that this was Ms. Ramirez's? A. No.
11 12 13 14 15 16 17 18 19 20	woman other than Ms. Ramirez? A. No. Q. Did counsel show you a single slide in the Ramirez report that was mislabelled? A. No. Q. In the general report did you state that any of those slides were Ms. Ramirez's? A. No. Q. Let's go to page 20 in the general report. On page 20?	11 12 13 14 15 16 17 18 19 20	A. No. Q. On page 26 where it's showing nerve branches, did you state that any of these were Ms. Ramirez's? A. No, I did not state. Q. And is this an accurate depiction of nerves embedded in scar tissue? A. It is. Q. And on page 27 did you state anywhere here that this was Ms. Ramirez's?

101 (Pages 398 to 401)

	Page 402		Page 404
1	Q. And are those accurate that those	1	counsel.
2	are examples of never ingrowth?	2	MR. ANDERSON: That's your cross. Cross
3	A. It is accurate.	3	part 2. This is my part.
4	Q. And on page 29?	4	THE DEPONENT: He did not.
5	A. Yes.	5	BY MR. ANDERSON:
6	Q. What does it say underneath where it	6	Q. Thank you. Again on page 35 and 36
7	says figure 4(B)?	7	what do you list under those images?
8	A. "Examples of nerve ingrowth."	8	A. "An example of blue granules
9	Q. Does it say that that's	9	retained in the degradation layer."
10	Ms. Ramirez's?	10	Q. Counsel didn't point those out for
11	A. No.	11	the jury, did he, on your cross-examination that
12	Q. Is that an accurate depiction of	12	you just said these were examples?
13	nerve ingrowth seen by S100 stain?	13	MR. HUTCHINSON: Objection, leading.
14	A. It is.	14	BY MR. ANDERSON:
15	Q. On page 31 what does it say under	15	Q. Did counsel for the defense on the
16	the diagrams?	16	cross-examination allow you to tell the jury that?
17	A. "Examples of vascular dilatation and	17	A. No, he didn't.
18	edema within mesh compartments."	18	Q. On cross-examination did counsel
19	Q. Is that an accurate example of	19	show you anything in your images or in the text of
20	vascular dilatation and edema within mesh	20	your report that was inaccurate in any way?
21	compartments?	21	A. No.
22	A. It is.	22	Q. Do you stand by all of your opinions
23	Q. And did you state anywhere that that	23	that you've given here today and all the opinions
24	is Ms. Ramirez's?	24	that you've expressed in this report?
	Page 403		Page 405
1	A NT-	1	A. I do.
1 2	A. No.	2	MR. ANDERSON: We will offer all of our
3	Q. Page 32, do you see that? A. Yes.	3	exhibits into evidence and fight about the
4		4	admissibility later on at this time. Otherwise
5	Q. Did you state anywhere that that was Ms. Ramirez's?	5	I'm done for right now.
6	A. No.	6	MR. HUTCHINSON: We may have a re-cross.
7	Q. What does it say underneath the	7	Give us just a minute.
8	image?	8	THE VIDEOGRAPHER: Going off the record
9	A. "Examples of vascular thrombosis	9	at 6:15 p.m.
10	within mesh compartments."	10	Whereupon the examination was
11	Q. And does it accurately depict	11	completed at 6:15 p.m.
12	examples of vascular thrombosis within mesh	12	completed at 0.13 p.m.
13	compartments?	13	
14	A. It is.	14	
15	Q. And did counsel for the defense	15	
16	point out any of these images to you on your	16	
17	cross-examination shows where you said that these	17	
18	are just examples of these type of features?	18	
19	MR. HUTCHINSON: Object to the form.	19	
20	I'm also going to object to the extent that it	20	
21	mischaracterizes the testimony. I asked him about	21	
22	page 20 where he says all photographs are	22	
23	explanted Ethicon	23	
24	MR. FREESE: That was your cross,	24	

102 (Pages 402 to 405)

	Page 406		Page 408
1	REPORTER'S CERTIFICATE	1	
2	REFORTERS CERTIFICATE	2	ACKNOWLEDGMENT OF DEPONENT
3	I, HELEN MARTINEAU, CSR, Certified	3	
4	Shorthand Reporter, certify;	4	I,, do
5	That the foregoing proceedings were	5	hereby certify that I have read the
6	taken before me at the time and place therein set	6	foregoing pages, and that the same is
7	forth at which time the witness was put under oath	7	a correct transcription of the answers
8	by me;	8 9	given by me to the questions therein
9	That the testimony of the witness and	10	propounded, except for the corrections or changes in form or substance, if any,
10	all objections made at the time of the examination	11	noted in the attached Errata Sheet.
11	were recorded stenographically by me and were	12	noted in the attached Errata Sheet.
12	thereafter transcribed;	13	
13	That the foregoing is a true and	14	
14	accurate transcript of my shorthand notes so	15	VLADIMIR IAKOVLEV, MD DATE
15	taken.	16	
16		17	
17		18	Subscribed and sworn
18		10	to before me this
19	PER: HELEN MARTINEAU	19 20	day of, 20 My commission expires:
20	CERTIFIED SHORTHAND REPORTER	21	My commission expires
21			
22		22	Notary Public
23		23	•
24		24	
	Page 407		
1			
	ERRATA		
2			
3			
4	PAGE LINE CHANGE		
5			
6	REASON:		
7			
8	REASON:		
9	DE A SON-		
11	REASON:		
12	REASON:		
13	ILL 19011.		
14	REASON:		
15			
16	REASON:		
17			
18	REASON:		
19			
20	REASON:		
21			
22	REASON:		
23 24	REASON:		

103 (Pages 406 to 408)